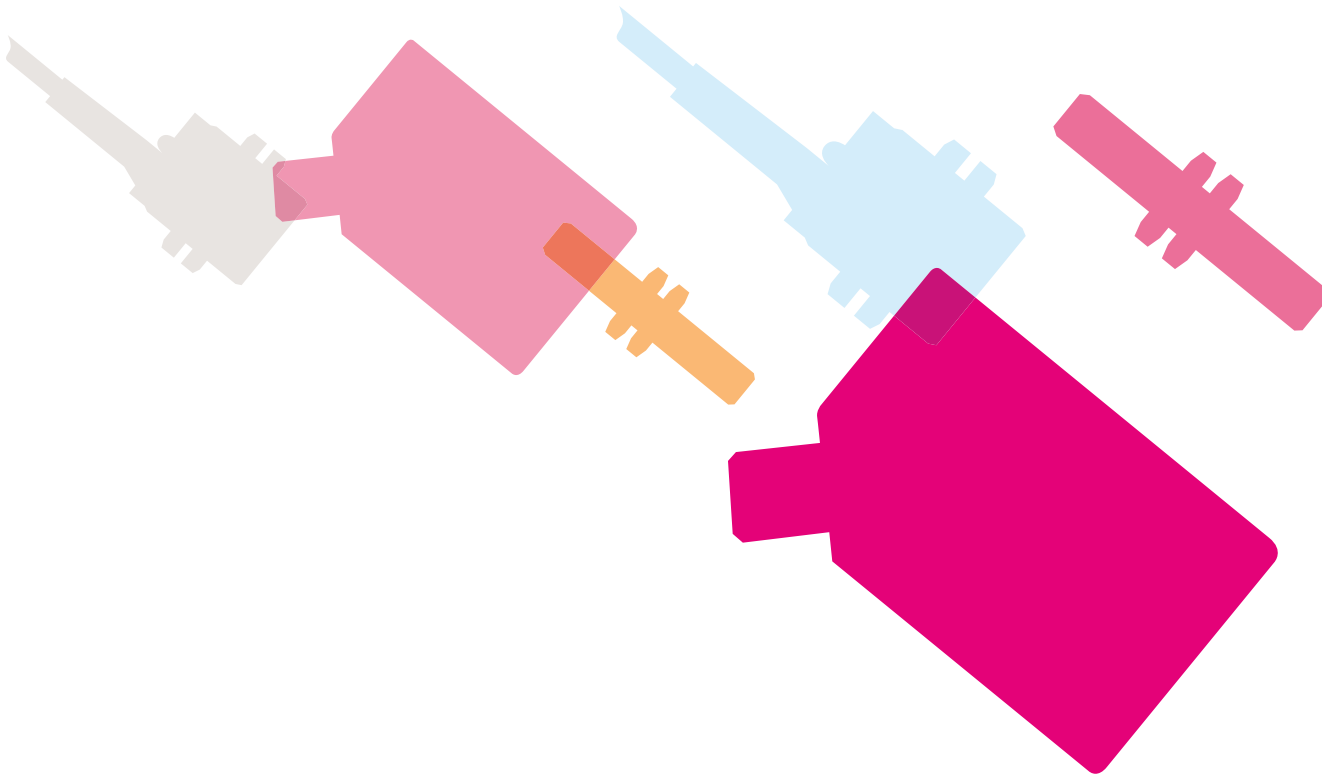


Induktive Näherungsschalter *inductive proximity switches*

Zylindrisch DC *cylindric DC* | Zylindrisch DC Vollmetall *cylindric DC full metal* | Hochtemperatur *high temperature* | Schweißfest *weld resistant* | Druckfest *pressure resistant* | Analog *analog*
Namur *namur* | AC *AC* | Kunststoff *plastic* | Rechteckig *cuboid*



Induktive Näherungsschalter
inductive proximity switches

Ein induktiver Näherungsschalter ist ein Sensor, der berührungsfrei auf Annäherung eines metallischen oder galvanischen Gegenstandes, d.h. ohne direkten Kontakt reagiert.

Der Näherungsschalter stellt eines der Grundelemente der industriellen Automatisierungstechnik dar. Sie werden als berührungslose Endschalter verwendet, z. B. zum Erfassen, Zählen oder Sortieren von Werkstücken sowie als Drehzahlnehmer mit einer Schaltfrequenz von bis zu 20 kHz.

Die sichere Erfassung von Kleinstteilen sowie schnellster Vorgänge ist somit möglich.

The inductive proximity switch is a sensor which is designed for non-contact detection on metallic and galvanic objects.

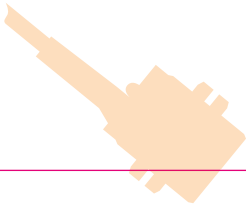
The inductive proximity switch is a basic element in industrial automation. They are used as a non-contact position switch e.g. for detection, counting or sorting of workpieces and rotation sensor with a switching frequency up to 20 kHz.

The safe detecting of particles as well as fast procedures is possible.

Induktive Näherungsschalter *inductive proximity switches*

Zylindrisch DC *cylindric DC* | Zylindrisch DC Vollmetall *cylindric DC full metal* | Hochtemperatur *high temperature* | Schweißfest *weld resistant* | Druckfest *pressure resistant* | Analog *analog*
 Namur *namur* | AC *AC* | Kunststoff *plastic* | Rechteckig *cuboid*

Induktive Näherungsschalter
inductive proximity switches



- + Baugrößen ab Ø 3 mm *dimension from Ø 3 mm*
- + Einfache und schnelle Montage *simple and fast assembling*
- + Hohe Schutzart IP67 *high protection class IP67*
- + Hohe Schaltfrequenz *high switching frequency*
- + Hohe Schaltabstände *high operation distance*
- + Normstecker M8 und M12 mit integrierter Ring-LED *metal connector M8 and M12*
- + Ausgänge kurzschlußfest *output short-circuit-proof*
- + Erfassung kleinster Teile *detection of smallest items*
- + Kostengünstige Lösungen *costs and time saving solution*
- + Garantie 2 Jahre *warranty 2 years*
- + Anwendungsbezogene Sonderausführungen möglich *special sizes are available on request*

Typenschlüssel *coding*

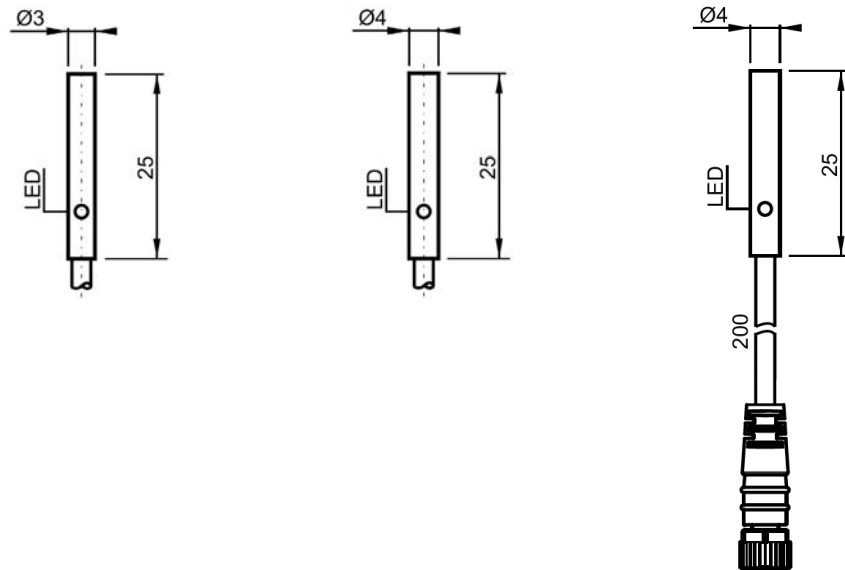
DC - T - (X) - M - 8 - P - S - K - ST4

DC	DC / AC
T	D = doppelter Sn <i>double s.r.</i> T = dreifacher Sn <i>triple s.r.</i>
(X)	DF = druckfest <i>pressure resistant</i> HT = hochtemperatur <i>high temperature</i> K = Kunststoff <i>plastic</i> NA = Namur <i>namur</i> Q = Quader <i>cuboid</i> SF = schweißfest <i>weld resistant</i> VM = Vollmetall <i>full metal</i>
M	M = mini <i>mini</i> S = kurz <i>short</i> ohne = standard <i>standard</i> L = lang <i>long</i>
8	Bauform = bündig <i>dimension = flush</i> 0+Bauform = nicht bündig <i>0+dimension = non flush</i>
P	P = pnp N = npn AN = analog
S	S = NO O = NC U = NO-NC A = NO+NC I = Stromausgang <i>current output</i> V = Spannungsausgang <i>voltage output</i>
K	K = kurzschlußfest <i>short-circuit-proof</i>
ST4	ST3 = Stecker M8 <i>connector M8</i> ST4 = Stecker M12 <i>connector M12</i> 2 m = Festkabel <i>cable</i> KLR = Klemmraum <i>clamp terminal</i>

Induktive Näherungsschalter *inductive proximity switches*

Zylindrisch DC *cylindric DC*

Bauform <i>dimension</i>	Ø 3mm	Ø 4mm	Ø 4mm
Einbauart <i>mounting</i>	bündig <i>flush</i>		
Anschluss <i>connection</i>	Kabel 2 m <i>cable 2 m</i>	Kabel 2 m <i>cable 2 m</i>	Kabel 200 mm / Stecker M8 <i>cable 200 mm / connector M8</i>



Betriebsspannung <i>service voltage</i>	10-30 VDC				
Eigenstromaufnahme <i>internal power consumpt.</i>	< 8 mA				
Spannungsabfall <i>voltage drop</i>	< 1,5 V				
Schalthyserese <i>switching hysteresis</i>	< 15 %				
Reproduzierbarkeit <i>reproducibility</i>	< 1 %				
Temperaturdrift <i>temperature drift</i>	< 10 %				
Umgebungstemperatur <i>ambient temperature</i>	- 25°C ... + 70°C				
Schutzart <i>protection class</i>	IP 67				
kurzschlußfest <i>short-circuit-proof</i>	ja <i>yes</i>				
Gehäusematerial <i>casing material</i>	Edelstahl <i>stainless steel</i>				
Schaltabstand <i>detection range</i>	0,6 mm	0,6 mm	1,5 mm	0,8 mm	1,5 mm
max. Laststrom <i>max. load current</i>	200 mA				
Schaltfrequenz <i>max. operating frequency</i>	2 kHz				

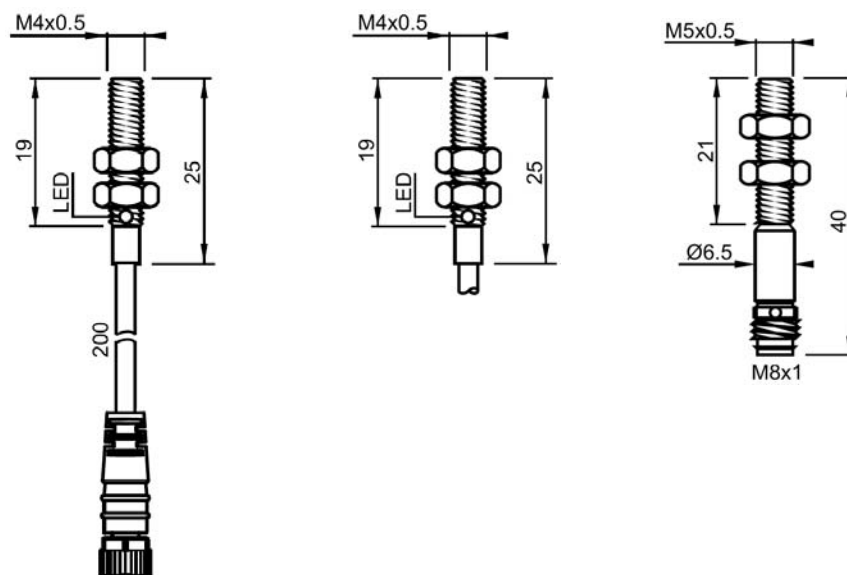
Schema <i>diagramm</i>	Ausgang <i>output</i>					
1	PNP-NO	DCG-3-PSK-2m	DCG-4-PSK-2m	DCDG-4-PSK-2m	DCG-4-PSK-KST3	DCDG-4-PSK-KST3
2	PNP-NC	DCG-3-POK-2m	DCG-4-POK-2m	DCDG-4-POK-2m	DCG-4-POK-KST3	DCDG-4-POK-KST3
4	NPN-NO	DCG-3-NSK-2m	DCG-4-NSK-2m	DCDG-4-NSK-2m	DCG-4-NSK-KST3	DCDG-4-NSK-KST3
5	NPN-NC	DCG-3-NOK-2m	DCG-4-NOK-2m	DCDG-4-NOK-2m	DCG-4-NOK-KST3	DCDG-4-NOK-KST3

Induktive Näherungsschalter
inductive proximity switches

Induktive Näherungsschalter *inductive proximity switches*

Zylindrisch DC *cylindric DC*

Bauform <i>dimension</i>	M4	M4	M5
Einbauart <i>mounting</i>	bündig <i>flush</i>		
Anschluss <i>connection</i>	Kabel 200 mm / Stecker M8 <i>cable 200 mm / connector M8</i>	Kabel 2 m <i>cable 2 m</i>	Stecker M8 <i>connector M8</i>



Induktive Näherungsschalter
inductive proximity switches

Betriebsspannung <i>service voltage</i>	10-30 VDC			
Eigenstromaufnahme <i>internal power consumpt.</i>	< 8 mA			
Spannungsabfall <i>voltage drop</i>	< 1,5 V			
Schalthyserese <i>switching hysteresis</i>	< 15 %			
Reproduzierbarkeit <i>reproducibility</i>	< 1 %			
Temperaturdrift <i>temperature drift</i>	< 10 %			
Umgebungstemperatur <i>ambient temperature</i>	- 25°C ... + 70°C			
Schutzart <i>protection class</i>	IP 67			
Kurzschlußfest <i>short-circuit-proof</i>	ja <i>yes</i>			
Gehäusematerial <i>casing material</i>	Edelstahl <i>stainless steel</i>			

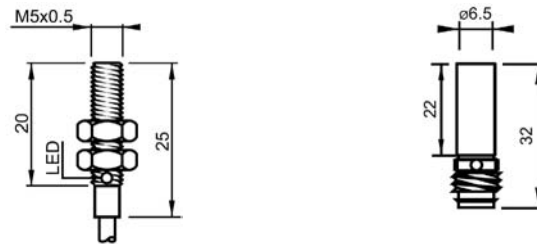
Schaltabstand <i>detection range</i>	1,0 mm	1,0 mm	0,8 mm	1,5 mm
max. Laststrom <i>max. load current</i>	200 mA			
Schaltfrequenz <i>max. operating frequency</i>	2 kHz			

Schema <i>diagramm</i>	Ausgang <i>output</i>				
1	PNP-NO	DCG-4,0-PSK-KST3	DCG-4,0-PSK-2m	DCG-5-PSK-ST3	DCDG-5-PSK-ST3
2	PNP-NC	DCG-4,0-POK-KST3	DCG-4,0-POK-2m	DCG-5-POK-ST3	DCDG-5-POK-ST3
4	NPN-NO	DCG-4,0-NSK-KST3	DCG-4,0-NSK-2m	DCG-5-NSK-ST3	DCDG-5-NSK-ST3
5	NPN-NC	DCG-4,0-NSK-KST3	DCG-4,0-NSK-2m	DCG-5-NOK-ST3	DCDG-5-NOK-ST3

Induktive Näherungsschalter *inductive proximity switches*

Zylindrisch DC *cylindric DC*

Bauform <i>dimension</i>	M5	Ø 6,5 mm		
Einbauart <i>mounting</i>	bündig <i>flush</i>	bündig <i>flush</i>	bündig <i>flush</i>	quasi bündig <i>quasi flush</i>
Anschluss <i>connection</i>	Kabel 2 m <i>cable 2 m</i>	Stecker M8 <i>connector M8</i>		



Betriebsspannung <i>service voltage</i>	10-30 VDC				
Eigenstromaufnahme <i>internal power consumpt.</i>	< 8 mA				
Spannungsabfall <i>voltage drop</i>	< 2 V				
Schalthyserese <i>switching hysteresis</i>	< 15 %				
Reproduzierbarkeit <i>reproducibility</i>	< 1 %				
Temperaturdrift <i>temperature drift</i>	< 10 %				
Umgebungstemperatur <i>ambient temperature</i>	- 25°C ... + 70°C				
Schutzart <i>protection class</i>	IP 67				
kurzschlußfest <i>short-circuit-proof</i>	ja <i>yes</i>				
Gehäusematerial <i>casing material</i>	Edelstahl <i>stainless steel</i>				
Schaltabstand <i>detection range</i>	0,8 mm	1,5 mm	1,0 mm	2 mm	3 mm
max. Laststrom <i>max. load current</i>	200 mA				
Schaltfrequenz <i>max. operating frequency</i>	2 kHz				

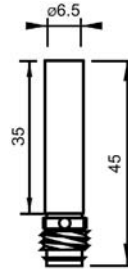
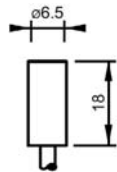
Schema <i>diagramm</i>	Ausgang <i>output</i>					
1	PNP-NO	DCG-5-PSK-2m	DCDG-5-PSK-2m	DCGM-65-PSK-ST3	DCDGM-65-PSK-ST3	DCTGM-65-PSK-ST3
2	PNP-NC	DCG-5-POK-2m	DCDG-5-POK-2m	DCGM-65-POK-ST3	DCDGM-65-POK-ST3	DCTGM-65-POK-ST3
4	NPN-NO	DCG-5-NSK-2m	DCDG-5-NSK-2m	DCGM-65-NSK-ST3	DCDGM-65-NSK-ST3	DCTGM-65-NSK-ST3
5	NPN-NC	DCG-5-NOK-2m	DCDG-5-NOK-2m	DCGM-65-NOK-ST3	DCDGM-65-NOK-ST3	DCTGM-65-NOK-ST3

Induktive Näherungsschalter
inductive proximity switches

Induktive Näherungsschalter *inductive proximity switches*

Zylindrisch DC *cylindric DC*

Bauform <i>dimension</i>	Ø 6,5 mm		
Einbauart <i>mounting</i>	bündig <i>flush</i>	bündig <i>flush</i>	quasi bündig <i>quasi flush</i>
Anschluss <i>connection</i>	Kabel 2 m <i>cable 2 m</i>		Stecker M8 <i>connector M8</i>



Induktive Näherungsschalter
inductive proximity switches

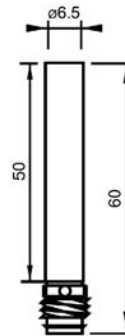
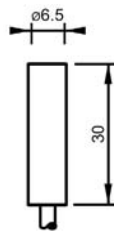
Betriebsspannung <i>service voltage</i>	10-30 VDC					
Eigenstromaufnahme <i>internal power consumpt.</i>	< 8 mA					
Spannungsabfall <i>voltage drop</i>	< 1,5 V					
Schalthyserese <i>switching hysteresis</i>	< 15 %					
Reproduzierbarkeit <i>reproducibility</i>	< 1 %					
Temperaturdrift <i>temperature drift</i>	< 10 %					
Umgebungstemperatur <i>ambient temperature</i>	- 25°C ... + 70°C					
Schutzart <i>protection class</i>	IP 67					
kurzschlußfest <i>short-circuit-proof</i>	ja <i>yes</i>					
Gehäusematerial <i>casing material</i>	Edelstahl <i>stainless steel</i>					
Schaltabstand <i>detection range</i>	1 mm	2 mm	3 mm	1 mm	2 mm	3 mm
max. Laststrom <i>max. load current</i>	200 mA					
Schaltfrequenz <i>max. operating frequency</i>	2 kHz					

Schema <i>diagramm</i>	Ausgang <i>output</i>						
1	PNP-NO	DCGM-65-PSK-2m	DCDGM-65-PSK-2m	DCTGM-65-PSK-2m	DCGS-65-PSK-ST3	DCDGS-65-PSK-ST3	DCTGS-65-PSK-ST3
2	PNP-NC	DCGM-65-POK-2m	DCDGM-65-POK-2m	DCTGM-65-POK-2m	DCGS-65-POK-ST3	DCDGS-65-POK-ST3	DCTGS-65-POK-ST3
4	NPN-NO	DCGM-65-NSK-2m	DCDGM-65-NSK-2m	DCTGM-65-NSK-2m	DCGS-65-NSK-ST3	DCDGS-65-NSK-ST3	DCTGS-65-NSK-ST3
5	NPN-NC	DCGM-65-NOK-2m	DCDGM-65-NOK-2m	DCTGM-65-NOK-2m	DCGS-65-NOK-ST3	DCDGS-65-NOK-ST3	DCTGS-65-NOK-ST3

Induktive Näherungsschalter *inductive proximity switches*

Zylindrisch DC *cylindric DC*

Bauform <i>dimension</i>	Ø 6,5 mm					
Einbauart <i>mounting</i>	bündig <i>flush</i>	bündig <i>flush</i>	quasi bündig <i>quasi flush</i>	bündig <i>flush</i>	bündig <i>flush</i>	quasi bündig <i>quasi flush</i>
Anschluss <i>connection</i>	Kabel 2 m <i>cable 2 m</i>			Stecker M8 <i>connector M8</i>		



Betriebsspannung <i>service voltage</i>	10-30 VDC					
Eigenstromaufnahme <i>internal power consumpt.</i>	< 8 mA					
Spannungsabfall <i>voltage drop</i>	< 1,5 V					
Schalthyserese <i>switching hysteresis</i>	< 15 %					
Reproduzierbarkeit <i>reproducibility</i>	< 1 %					
Temperaturdrift <i>temperature drift</i>	< 10 %					
Umgebungstemperatur <i>ambient temperature</i>	- 25°C ... + 70°C					
Schutzart <i>protection class</i>	IP 67					
kurzschlußfest <i>short-circuit-proof</i>	ja <i>yes</i>					
Gehäusematerial <i>casing material</i>	Edelstahl <i>stainless steel</i>					
Schaltabstand <i>detection range</i>	1 mm	2 mm	3 mm	1 mm	2 mm	3 mm
max. Laststrom <i>max. load current</i>	200 mA					
Schaltfrequenz <i>max. operating frequency</i>	2 kHz					

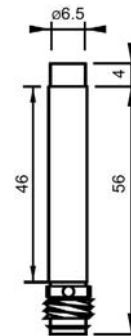
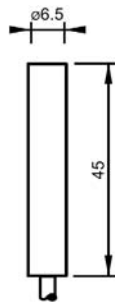
Schema <i>diagramm</i>	Ausgang <i>output</i>						
1	PNP-NO	DCGS-65-PSK-2m	DCDGS-65-PSK-2m	DCTGS-65-PSK-2m	DCGL-65-PSK-ST3	DCDGL-65-PSK-ST3	DCTGL-65-PSK-ST3
2	PNP-NC	DCGS-65-POK-2m	DCDGS-65-POK-2m	DCTGS-65-POK-2m	DCGL-65-POK-ST3	DCDGL-65-POK-ST3	DCTGL-65-POK-ST3
4	NPN-NO	DCGS-65-NSK-2m	DCDGS-65-NSK-2m	DCTGS-65-NSK-2m	DCGL-65-NSK-ST3	DCDGL-65-NSK-ST3	DCTGL-65-NSK-ST3
5	NPN-NC	DCGS-65-NOK-2m	DCDGS-65-NOK-2m	DCTGS-65-NOK-2m	DCGL-65-NOK-ST3	DCDGL-65-NOK-ST3	DCTGL-65-NOK-ST3

Induktive Näherungsschalter
inductive proximity switches

Induktive Näherungsschalter *inductive proximity switches*

Zylindrisch DC *cylindric DC*

Bauform <i>dimension</i>	Ø 6,5 mm			
Einbauart <i>mounting</i>	bündig <i>flush</i>	bündig <i>flush</i>	quasi bündig <i>quasi flush</i>	nicht bündig <i>non flush</i>
Anschluss <i>connection</i>	Kabel 2 m <i>cable 2 m</i>			Stecker M8 <i>connector M8</i>



Induktive Näherungsschalter
inductive proximity switches

Betriebsspannung <i>service voltage</i>	10-30 VDC				
Eigenstromaufnahme <i>internal power consumpt.</i>	< 8 mA				
Spannungsabfall <i>voltage drop</i>	< 1,5 V				
Schalthyserese <i>switching hysteresis</i>	< 15 %				
Reproduzierbarkeit <i>reproducibility</i>	< 1 %				
Temperaturdrift <i>temperature drift</i>	< 10 %				
Umgebungstemperatur <i>ambient temperature</i>	- 25°C ... + 70°C				
Schutzart <i>protection class</i>	IP 67				
kurzschlußfest <i>short-circuit-proof</i>	ja <i>yes</i>				
Gehäusematerial <i>casing material</i>	Edelstahl <i>stainless steel</i>				

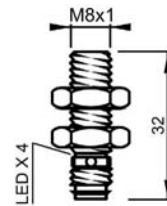
Schaltabstand <i>detection range</i>	1 mm	2 mm	3 mm	4 mm	6 mm
max. Laststrom <i>max. load current</i>	200 mA				
Schaltfrequenz <i>max. operating frequency</i>	2 kHz			1 kHz	

Schema <i>diagramm</i>	Ausgang <i>output</i>					
1	PNP-NO	DCGL-65-PSK-2m	DCDGL-65-PSK-2m	DCTGL-65-PSK-2m	DCDGL-065-PSK-ST3	DCTGL-065-PSK-ST3
2	PNP-NC	DCGL-65-POK-2m	DCDGL-65-POK-2m	DCTGL-65-POK-2m	DCDGL-065-POK-ST3	DCTGL-065-POK-ST3
4	NPN-NO	DCGL-65-NSK-2m	DCDGL-65-NSK-2m	DCTGL-65-NSK-2m	DCDGL-065-NSK-ST3	DCTGL-065-NSK-ST3
5	NPN-NC	DCGL-65-NOK-2m	DCDGL-65-NOK-2m	DCTGL-65-NOK-2m	DCDGL-065-NOK-ST3	DCTGL-065-NOK-ST3

Induktive Näherungsschalter *inductive proximity switches*

Zylindrisch DC *cylindric DC*

Bauform <i>dimension</i>	Ø 6,5 mm	M8		
Einbauart <i>mounting</i>	nicht bündig <i>non flush</i>	bündig <i>flush</i>	bündig <i>flush</i>	quasi bündig <i>quasi flush</i>
Anschluss <i>connection</i>	Kabel 2 m <i>cabl 2 m</i>	Stecker M8 <i>connector M8</i>		



Betriebsspannung <i>service voltage</i>	10-30 VDC				
Eigenstromaufnahme <i>internal power consumpt.</i>	< 8 mA				
Spannungsabfall <i>voltage drop</i>	< 1,5 V				
Schalthyserese <i>switching hysteresis</i>	< 15 %				
Reproduzierbarkeit <i>reproducibility</i>	< 1 %				
Temperaturdrift <i>temperature drift</i>	< 10 %				
Umgebungstemperatur <i>ambient temperature</i>	- 25°C ... + 70°C				
Schutzart <i>protection class</i>	IP 67				
kurzschlußfest <i>short-circuit-proof</i>	ja <i>yes</i>				
Gehäusematerial <i>casing material</i>	Edelstahl <i>stainless steel</i>				
Schaltabstand <i>detection range</i>	4 mm	6 mm	1 mm	2 mm	3 mm
max. Laststrom <i>max. load current</i>	200 mA				
Schaltfrequenz <i>max. operating frequency</i>	1 kHz		2 kHz		

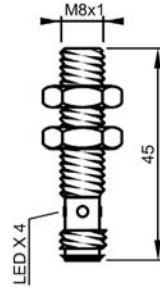
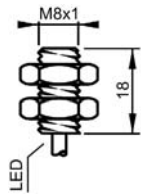
Schema <i>diagramm</i>	Ausgang <i>output</i>					
1	PNP-NO	DCDGL-065-PSK-2m	DCTGL-065-PSK-2m	DCGM-8-PSK-ST3	DCDGM-8-PSK-ST3	DCTGM-8-PSK-ST3
2	PNP-NC	DCDGL-065-POK-2m	DCTGL-065-POK-2m	DCGM-8-POK-ST3	DCDGM-8-POK-ST3	DCTGM-8-POK-ST3
4	NPN-NO	DCDGL-065-NSK-2m	DCTGL-065-NSK-2m	DCGM-8-NSK-ST3	DCDGM-8-NSK-ST3	DCTGM-8-NSK-ST3
5	NPN-NC	DCDGL-065-NOK-2m	DCTGL-065-NOK-2m	DCGM-8-NOK-ST3	DCDGM-8-NOK-ST3	DCTGM-8-NOK-ST3

Induktive Näherungsschalter
inductive proximity switches

Induktive Näherungsschalter *inductive proximity switches*

Zylindrisch DC *cylindric DC*

Bauform <i>dimension</i>	M8		
Einbauart <i>mounting</i>	bündig <i>flush</i>	bündig <i>flush</i>	quasi bündig <i>quasi flush</i>
Anschluss <i>connection</i>	Kabel 2 m <i>cable 2 m</i>		Stecker M8 <i>connector M8</i>



Induktive Näherungsschalter
inductive proximity switches

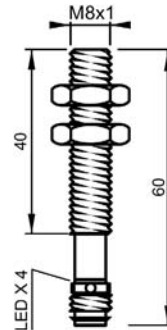
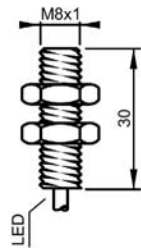
Betriebsspannung <i>service voltage</i>	10-30 VDC					
Eigenstromaufnahme <i>internal power consumpt.</i>	< 8 mA					
Spannungsabfall <i>voltage drop</i>	< 1,5 V					
Schalthyserese <i>switching hysteresis</i>	< 15 %					
Reproduzierbarkeit <i>reproducibility</i>	< 1 %					
Temperaturdrift <i>temperature drift</i>	< 10 %					
Umgebungstemperatur <i>ambient temperature</i>	- 25°C ... + 70°C					
Schutzart <i>protection class</i>	IP 67					
kurzschlußfest <i>short-circuit-proof</i>	ja <i>yes</i>					
Gehäusematerial <i>casing material</i>	Edelstahl <i>stainless steel</i>					
Schaltabstand <i>detection range</i>	1 mm	2 mm	3 mm	1 mm	2 mm	3 mm
max. Laststrom <i>max. load current</i>	200 mA					
Schaltfrequenz <i>max. operating frequency</i>	2 kHz					

Schema <i>diagramm</i>	Ausgang <i>output</i>						
1	PNP-NO	DCGM-8-PSK-2m	DCDGM-8-PSK-2m	DCTGM-8-PSK-2m	DCGS-8-PSK-ST3	DCDGS-8-PSK-ST3	DCTGS-8-PSK-ST3
2	PNP-NC	DCGM-8-POK-2m	DCDGM-8-POK-2m	DCTGM-8-POK-2m	DCGS-8-POK-ST3	DCDGS-8-POK-ST3	DCTGS-8-POK-ST3
4	NPN-NO	DCGM-8-NSK-2m	DCDGM-8-NSK-2m	DCTGM-8-NSK-2m	DCGS-8-NSK-ST3	DCDGS-8-NSK-ST3	DCTGS-8-NSK-ST3
5	NPN-NC	DCGM-8-NOK-2m	DCDGM-8-NOK-2m	DCTGM-8-NOK-2m	DCGS-8-NOK-ST3	DCDGS-8-NOK-ST3	DCTGS-8-NOK-ST3

Induktive Näherungsschalter *inductive proximity switches*

Zylindrisch DC *cylindric DC*

Bauform <i>dimension</i>	M8			
Einbauart <i>mounting</i>	bündig <i>flush</i>	bündig <i>flush</i>	bündig <i>flush</i>	quasi bündig <i>quasi flush</i>
Anschluss <i>connection</i>	Kabel 2 m <i>cable 2 m</i>	Stecker M8 <i>connector M8</i>		



Betriebsspannung <i>service voltage</i>	10-30 VDC					
Eigenstromaufnahme <i>internal power consumpt.</i>	< 8 mA					
Spannungsabfall <i>voltage drop</i>	< 1,5 V					
Schalthyserese <i>switching hysteresis</i>	< 15 %					
Reproduzierbarkeit <i>reproducibility</i>	< 1 %					
Temperaturdrift <i>temperature drift</i>	< 10 %					
Umgebungstemperatur <i>ambient temperature</i>	- 25°C ... + 70°C					
Schutzart <i>protection class</i>	IP 67					
kurzschlußfest <i>short-circuit-proof</i>	ja <i>yes</i>					
Gehäusematerial <i>casing material</i>	Edelstahl <i>stainless steel</i>					
Schaltabstand <i>detection range</i>	1 mm	2 mm	3 mm	1 mm	2 mm	3 mm
max. Laststrom <i>max. load current</i>	200 mA					
Schaltfrequenz <i>max. operating frequency</i>	2 kHz					

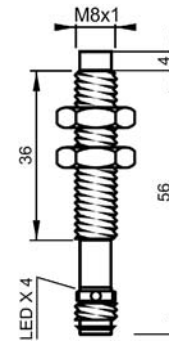
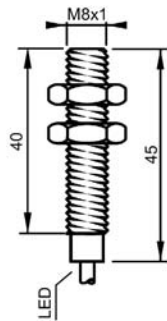
Schema <i>diagramm</i>	Ausgang <i>output</i>						
1	PNP-NO	DCGS-8-PSK-2m	DCDGS-8-PSK-2m	DCTGS-8-PSK-2m	DCGL-8-PSK-ST3	DCDGL-8-PSK-ST3	DCTGL-8-PSK-ST3
2	PNP-NC	DCGS-8-POK-2m	DCDGS-8-POK-2m	DCTGS-8-POK-2m	DCGL-8-POK-ST3	DCDGL-8-POK-ST3	DCTGL-8-POK-ST3
4	NPN-NO	DCGS-8-NSK-2m	DCDGS-8-NSK-2m	DCTGS-8-NSK-2m	DCGL-8-NSK-ST3	DCDGL-8-NSK-ST3	DCTGL-8-NSK-ST3
5	NPN-NC	DCGS-8-NOK-2m	DCDGS-8-NOK-2m	DCTGS-8-NOK-2m	DCGL-8-NOK-ST3	DCDGL-8-NOK-ST3	DCTGL-8-NOK-ST3

Induktive Näherungsschalter
inductive proximity switches

Induktive Näherungsschalter *inductive proximity switches*

Zylindrisch DC *cylindric DC*

Bauform <i>dimension</i>	M 8			
Einbauart <i>mounting</i>	bündig <i>flush</i>	bündig <i>flush</i>	quasi bündig <i>quasi flush</i>	nicht bündig <i>non flush</i>
Anschluss <i>connection</i>	Kabel 2 m <i>cable 2 m</i>			Stecker M8 <i>connector M8</i>



Induktive Näherungsschalter
inductive proximity switches

Betriebsspannung <i>service voltage</i>	10-30 VDC			
Eigenstromaufnahme <i>internal power consumpt.</i>	< 8 mA			
Spannungsabfall <i>voltage drop</i>	< 1,5 V			
Schalthyserese <i>switching hysteresis</i>	< 15 %			
Reproduzierbarkeit <i>reproducibility</i>	< 1 %			
Temperaturdrift <i>temperature drift</i>	< 10 %			
Umgebungstemperatur <i>ambient temperature</i>	- 25°C ... + 70°C			
Schutzart <i>protection class</i>	IP 67			
kurzschlußfest <i>short-circuit-proof</i>	ja <i>yes</i>			
Gehäusematerial <i>casing material</i>	Edelstahl <i>stainless steel</i>			

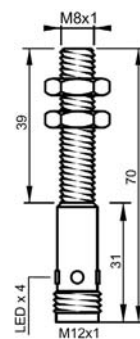
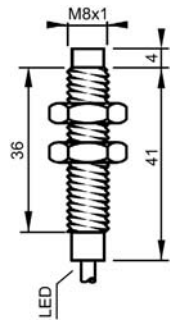
Schaltabstand <i>detection range</i>	1 mm	2 mm	3 mm	4 mm	6 mm
max. Laststrom <i>max. load current</i>	200 mA				
Schaltfrequenz <i>max. operating frequency</i>	2 kHz			1 kHz	500 Hz

Schema <i>diagramm</i>	Ausgang <i>output</i>					
1	PNP-NO	DCGL-8-PSK-2m	DCDGL-8-PSK-2m	DCTGL-8-PSK-2m	DCGL-08-PSK-ST3	DCTGL-08-PSK-ST3
2	PNP-NC	DCGL-8-POK-2m	DCDGL-8-POK-2m	DCTGL-8-POK-2m	DCGL-08-POK-ST3	DCTGL-08-POK-ST3
4	NPN-NO	DCGL-8-NSK-2m	DCDGL-8-NSK-2m	DCTGL-8-NSK-2m	DCGL-08-NSK-ST3	DCTGL-08-NSK-ST3
5	NPN-NC	DCGL-8-NOK-2m	DCDGL-8-NOK-2m	DCTGL-8-NOK-2m	DCGL-08-NOK-ST3	DCTGL-08-NOK-ST3

Induktive Näherungsschalter *inductive proximity switches*

Zylindrisch DC *cylindric DC*

Bauform <i>dimension</i>	M8	
Einbauart <i>mounting</i>	nicht bündig <i>non flush</i>	bündig <i>flush</i>
Anschluss <i>connection</i>	Kabel 2 m <i>cabl 2 m</i>	Stecker M12 <i>connector M12</i>



Betriebsspannung <i>service voltage</i>	10-30 VDC			
Eigenstromaufnahme <i>internal power consumpt.</i>	< 8 mA			
Spannungsabfall <i>voltage drop</i>	< 1,5 V			
Schalthyserese <i>switching hysteresis</i>	< 15 %			
Reproduzierbarkeit <i>reproducibility</i>	< 1 %			
Temperaturdrift <i>temperature drift</i>	< 10 %			
Umgebungstemperatur <i>ambient temperature</i>	- 25°C ... + 70°C			
Schutzart <i>protection class</i>	IP 67			
kurzschlußfest <i>short-circuit-proof</i>	ja <i>yes</i>			
Gehäusematerial <i>casing material</i>	Edelstahl <i>stainless steel</i>			
Schaltabstand <i>detection range</i>	4 mm	6 mm	1 mm	2 mm
max. Laststrom <i>max. load current</i>	200 mA			
Schaltfrequenz <i>max. operating frequency</i>	5 kHz			2 kHz

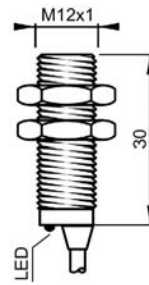
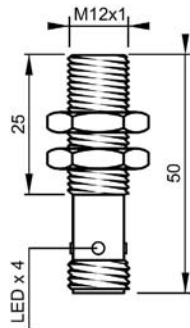
Schema <i>diagramm</i>	Ausgang <i>output</i>				
1	PNP-NO	DCDGL-08-PSK-2m	DCTGL-08-PSK-2m	DCGL-8-PSK-ST4	DCDGL-8-PSK-ST4
2	PNP-NC	DCDGL-08-POK-2m	DCTGL-08-POK-2m	DCGL-8-POK-ST4	DCDGL-8-POK-ST4
4	NPN-NO	DCDGL-08-NSK-2m	DCTGL-08-NSK-2m	DCGL-8-NSK-ST4	DCDGL-8-NSK-ST4
5	NPN-NC	DCDGL-08-NOK-2m	DCTGL-08-NOK-2m	DCGL-8-NOK-ST4	DCDGL-8-NOK-ST4

Induktive Näherungsschalter
inductive proximity switches

Induktive Näherungsschalter *inductive proximity switches*

Zylindrisch DC *cylindric DC*

Bauform <i>dimension</i>	M12		
Einbauart <i>mounting</i>	bündig <i>flush</i>		
Anschluss <i>connection</i>	Stecker M12 <i>connector M12</i>	Kabel 2 m <i>cable 2 m</i>	



Induktive Näherungsschalter
inductive proximity switches

Betriebsspannung <i>service voltage</i>	10-30 VDC					
Eigenstromaufnahme <i>internal power consumpt.</i>	< 8 mA					
Spannungsabfall <i>voltage drop</i>	< 1,5 V					
Schalthyserese <i>switching hysteresis</i>	< 15 %					
Reproduzierbarkeit <i>reproducibility</i>	< 1 %					
Temperaturdrift <i>temperature drift</i>	< 10 %					
Umgebungstemperatur <i>ambient temperature</i>	- 25°C ... + 70°C					
Schutzart <i>protection class</i>	IP 67					
kurzschlußfest <i>short-circuit-proof</i>	ja <i>yes</i>					
Gehäusematerial <i>casing material</i>	Messing vernickelt <i>brass nickel plated</i>					

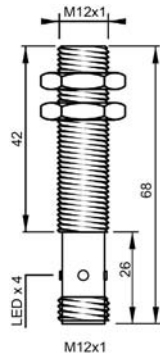
Schaltabstand <i>detection range</i>	2 mm	4 mm	6 mm	2 mm	4 mm	6 mm
max. Laststrom <i>max. load current</i>	200 mA					
Schaltfrequenz <i>max. operating frequency</i>	1 kHz	2 kHz		1 kHz	2 kHz	

Schema <i>diagramm</i>	Ausgang <i>output</i>						
1	PNP-NO	DCGS-12-PSK-ST4	DCDGS-12-PSK-ST4	DCTGS-12-PSK-ST4	DCGS-12-PSK-2m	DCDGS-12-PSK-2m	DCTGS-12-PSK-2m
2	PNP-NC	DCGS-12-POK-ST4	DCDGS-12-POK-ST4	DCTGS-12-POK-ST4	DCGS-12-POK-2m	DCDGS-12-POK-2m	DCTGS-12-POK-2m
4	NPN-NO	DCGS-12-NSK-ST4	DCDGS-12-NSK-ST4	DCTGS-12-NSK-ST4	DCGS-12-NSK-2m	DCDGS-12-NSK-2m	DCTGS-12-NSK-2m
5	NPN-NC	DCGS-12-NOK-ST4	DCDGS-12-NOK-ST4	DCTGS-12-NOK-ST4	DCGS-12-NOK-2m	DCDGS-12-NOK-2m	DCTGS-12-NOK-2m

Induktive Näherungsschalter *inductive proximity switches*

Zylindrisch DC *cylindric DC*

Bauform <i>dimension</i>	M12		
Einbauart <i>mounting</i>	bündig <i>flush</i>	bündig <i>flush</i>	quasi bündig <i>quasi flush</i>
Anschluss <i>connection</i>	Stecker M12 <i>connector M12</i>		



Betriebsspannung <i>service voltage</i>	10-30 VDC		
Eigenstromaufnahme <i>internal power consumpt.</i>	< 8 mA		
Spannungsabfall <i>voltage drop</i>	< 1,5 V		
Schalthyserese <i>switching hysteresis</i>	< 15%		
Reproduzierbarkeit <i>reproducibility</i>	< 1%		
Temperaturdrift <i>temperature drift</i>	< 10%		
Umgebungstemperatur <i>ambient temperature</i>	- 25°C ... + 70°C		
Schutzart <i>protection class</i>	IP 67		
kurzschlußfest <i>short-circuit-proof</i>	ja <i>yes</i>		
Gehäusematerial <i>casing material</i>	Messing vernickelt <i>brass nickel plated</i>		
Schaltabstand <i>detection range</i>	2 mm	4 mm	6 mm
max. Laststrom <i>max. load current</i>	200 mA		
Schaltfrequenz <i>max. operating frequency</i>	1 kHz	2 kHz	

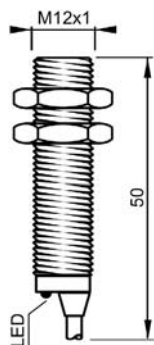
Schema <i>diagramm</i>	Ausgang <i>output</i>			
1	PNP-NO	DCGL-12-PSK-ST4	DCDGL-12-PSK-ST4	DCTGL-12-PSK-ST4
2	PNP-NC	DCGL-12-POK-ST4	DCDGL-12-POK-ST4	DCTGL-12-POK-ST4
4	NPN-NO	DCGL-12-NSK-ST4	DCDGL-12-NSK-ST4	DCTGL-12-NSK-ST4
5	NPN-NC	DCGL-12-NOK-ST4	DCDGL-12-NOK-ST4	DCTGL-12-NOK-ST4

Induktive Näherungsschalter
inductive proximity switches

Induktive Näherungsschalter *inductive proximity switches*

Zylindrisch DC *cylindric DC*

Bauform <i>dimension</i>	M12		
Einbauart <i>mounting</i>	bündig <i>flush</i>	bündig <i>flush</i>	quasi bündig <i>quasi flush</i>
Anschluss <i>connection</i>	Kabel 2 m <i>cable 2 m</i>		



Induktive Näherungsschalter
inductive proximity switches

Betriebsspannung <i>service voltage</i>	10-30 VDC		
Eigenstromaufnahme <i>internal power consumpt.</i>	< 8 mA		
Spannungsabfall <i>voltage drop</i>	< 1,5 V		
Schalthyserese <i>switching hysteresis</i>	< 15 %		
Reproduzierbarkeit <i>reproducibility</i>	< 1 %		
Temperaturdrift <i>temperature drift</i>	< 10 %		
Umgebungstemperatur <i>ambient temperature</i>	- 25°C ... + 70°C		
Schutzart <i>protection class</i>	IP 67		
kurzschlußfest <i>short-circuit-proof</i>	ja <i>yes</i>		
Gehäusematerial <i>casing material</i>	Messing vernickelt <i>brass nickel plated</i>		

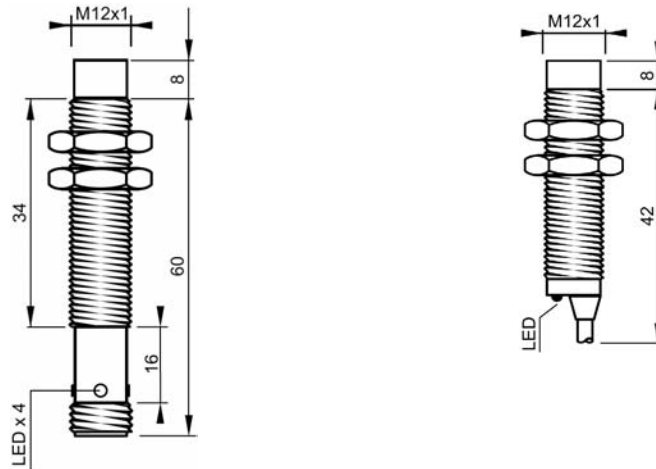
Schaltabstand <i>detection range</i>	2 mm	4 mm	6 mm
max. Laststrom <i>max. load current</i>	200 mA		
Schaltfrequenz <i>max. operating frequency</i>	1 kHz		2 kHz

Schema <i>diagramm</i>	Ausgang <i>output</i>			
1	PNP-NO	DCGL-12-PSK-2m	DCDGL-12-PSK-2m	DCTGL-12-PSK-2m
2	PNP-NC	DCGL-12-POK-2m	DCDGL-12-POK-2m	DCTGL-12-POK-2m
4	NPN-NO	DCGL-12-NSK-2m	DCDGL-12-NSK-2m	DCTGL-12-NSK-2m
5	NPN-NC	DCGL-12-NOK-2m	DCDGL-12-NOK-2m	DCTGL-12-NOK-2m

Induktive Näherungsschalter *inductive proximity switches*

Zylindrisch DC *cylindric DC*

Bauform <i>dimension</i>	M12		
Einbauart <i>mounting</i>	nicht bündig <i>non flush</i>		
Anschluss <i>connection</i>	Stecker M12 <i>connector M12</i>	Kabel 2 m <i>cabl 2 m</i>	



Induktive Näherungsschalter
inductive proximity switches

Betriebsspannung <i>service voltage</i>	10-30 VDC					
Eigenstromaufnahme <i>internal power consumpt.</i>	< 8 mA					
Spannungsabfall <i>voltage drop</i>	< 1,5 V					
Schalthyserese <i>switching hysteresis</i>	< 15 %					
Reproduzierbarkeit <i>reproducibility</i>	< 1 %					
Temperaturdrift <i>temperature drift</i>	< 10 %					
Umgebungstemperatur <i>ambient temperature</i>	- 25°C ... + 70°C					
Schutzart <i>protection class</i>	IP 67					
kurzschlußfest <i>short-circuit-proof</i>	ja <i>yes</i>					
Gehäusematerial <i>casing material</i>	Messing vernickelt <i>brass nickel plated</i>					
Schaltabstand <i>detection range</i>	4 mm	8 mm	10 mm	4 mm	8 mm	10 mm
max. Laststrom <i>max. load current</i>	200 mA					
Schaltfrequenz <i>max. operating frequency</i>	1 kHz					

Schema <i>diagramm</i>	Ausgang <i>output</i>						
1	PNP-NO	DCGL-012-PSK-ST4	DCDGL-012-PSK-ST4	DCTGL-012-PSK-ST4	DCGL-012-PSK-2m	DCDGL-012-PSK-2m	DCTGL-012-PSK-2m
2	PNP-NC	DCGL-012-POK-ST4	DCDGL-012-POK-ST4	DCTGL-012-POK-ST4	DCGL-012-POK-2m	DCDGL-012-POK-2m	DCTGL-012-POK-2m
4	NPN-NO	DCGL-012-NSK-ST4	DCDGL-012-NSK-ST4	DCTGL-012-NSK-ST4	DCGL-012-NSK-2m	DCDGL-012-NSK-2m	DCTGL-012-NSK-2m
5	NPN-NC	DCGL-012-NOK-ST4	DCDGL-012-NOK-ST4	DCTGL-012-NOK-ST4	DCGL-012-NOK-2m	DCDGL-012-NOK-2m	DCTGL-012-NOK-2m

Induktive Näherungsschalter *inductive proximity switches*

Zylindrisch DC *cylindric DC*

Bauform <i>dimension</i>	M18		
Einbauart <i>mounting</i>	bündig <i>flush</i>		
Anschluss <i>connection</i>	Stecker M12 <i>connector M12</i>	Kabel 2 m <i>cable 2 m</i>	



Induktive Näherungsschalter
inductive proximity switches

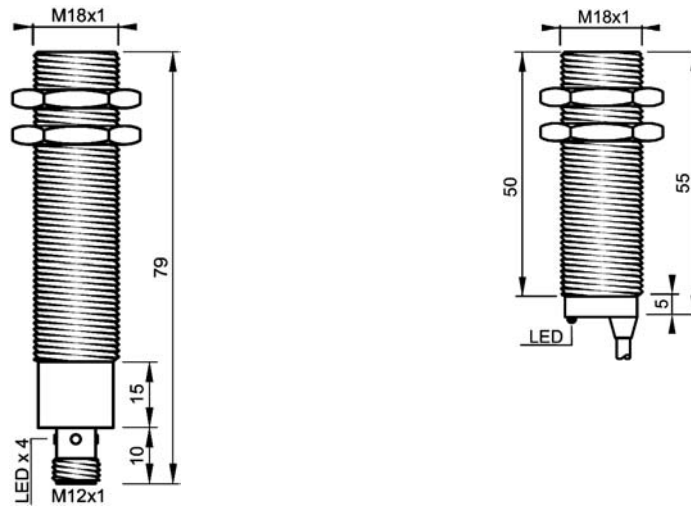
Betriebsspannung <i>service voltage</i>	10-30 VDC					
Eigenstromaufnahme <i>internal power consumpt.</i>	< 8 mA					
Spannungsabfall <i>voltage drop</i>	< 1,5 V					
Schalthyserese <i>switching hysteresis</i>	< 15 %					
Reproduzierbarkeit <i>reproducibility</i>	< 1 %					
Temperaturdrift <i>temperature drift</i>	< 10 %					
Umgebungstemperatur <i>ambient temperature</i>	- 25°C ... + 70°C					
Schutzart <i>protection class</i>	IP 67					
kurzschlußfest <i>short-circuit-proof</i>	ja <i>yes</i>					
Gehäusematerial <i>casing material</i>	Messing vernickelt <i>brass nickel plated</i>					
Schaltabstand <i>detection range</i>	5 mm	8 mm	12 mm	5 mm	8 mm	12 mm
max. Laststrom <i>max. load current</i>	200 mA					
Schaltfrequenz <i>max. operating frequency</i>	300 Hz			1 kHz		

Schema <i>diagramm</i>	Ausgang <i>output</i>						
1	PNP-NO	DCGS-18-PSK-ST4	DCDGS-18-PSK-ST4	DCTGS-18-PSK-ST4	DCGS-18-PSK-2m	DCDGS-18-PSK-2m	DCTGS-18-PSK-2m
2	PNP-NC	DCGS-18-POK-ST4	DCDGS-18-POK-ST4	DCTGS-18-POK-ST4	DCGS-18-POK-2m	DCDGS-18-POK-2m	DCTGS-18-POK-2m
4	NPN-NO	DCGS-18-NSK-ST4	DCDGS-18-NSK-ST4	DCTGS-18-NSK-ST4	DCGS-18-NSK-2m	DCDGS-18-NSK-2m	DCTGS-18-NSK-2m
5	NPN-NC	DCGS-18-NOK-ST4	DCDGS-18-NOK-ST4	DCTGS-18-NOK-ST4	DCGS-18-NOK-2m	DCDGS-18-NOK-2m	DCTGS-18-NOK-2m

Induktive Näherungsschalter *inductive proximity switches*

Zylindrisch DC *cylindric DC*

Bauform <i>dimension</i>	M18					
Einbauart <i>mounting</i>	bündig <i>flush</i>	bündig <i>flush</i>	quasi bündig <i>quasi flush</i>	bündig <i>flush</i>	bündig <i>flush</i>	quasi bündig <i>quasi flush</i>
Anschluss <i>connection</i>	Stecker M12 <i>connector M12</i>			Kabel 2 m <i>cabl 2 m</i>		



Betriebsspannung <i>service voltage</i>	10-30 VDC					
Eigenstromaufnahme <i>internal power consumpt.</i>	< 8 mA					
Spannungsabfall <i>voltage drop</i>	< 1,5 V					
Schalthysterese <i>switching hysteresis</i>	< 15 %					
Reproduzierbarkeit <i>reproducibility</i>	< 1 %					
Temperaturdrift <i>temperature drift</i>	< 10 %					
Umgebungstemperatur <i>ambient temperature</i>	- 25°C ... + 70°C					
Schutzart <i>protection class</i>	IP 67					
kurzschlußfest <i>short-circuit-proof</i>	ja <i>yes</i>					
Gehäusematerial <i>casing material</i>	Messing vernickelt <i>brass nickel plated</i>					
Schaltabstand <i>detection range</i>	5 mm	8 mm	12 mm	5 mm	8 mm	12 mm
max. Laststrom <i>max. load current</i>	200 mA					
Schaltfrequenz <i>max. operating frequency</i>	300 Hz		1 kHz	300 Hz		1 kHz

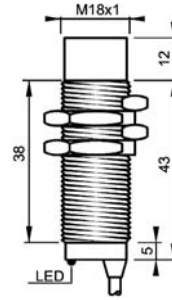
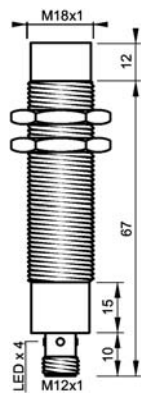
Schema <i>diagramm</i>	Ausgang <i>output</i>						
1	PNP-NO	DCGL-18-PSK-ST4	DCDGL-18-PSK-ST4	DCTGL-18-PSK-ST4	DCGL-18-PSK-2m	DCDGL-18-PSK-2m	DCTGL-18-PSK-2m
2	PNP-NC	DCGL-18-POK-ST4	DCDGL-18-POK-ST4	DCTGL-18-POK-ST4	DCGL-18-POK-2m	DCDGL-18-POK-2m	DCTGL-18-POK-2m
4	NPN-NO	DCGL-18-NSK-ST4	DCDGL-18-NSK-ST4	DCTGL-18-NSK-ST4	DCGL-18-NSK-2m	DCDGL-18-NSK-2m	DCTGL-18-NSK-2m
5	NPN-NC	DCGL-18-NOK-ST4	DCDGL-18-NOK-ST4	DCTGL-18-NOK-ST4	DCGL-18-NOK-2m	DCDGL-18-NOK-2m	DCTGL-18-NOK-2m

Induktive Näherungsschalter
inductive proximity switches

Induktive Näherungsschalter *inductive proximity switches*

Zylindrisch DC *cylindric DC*

Bauform <i>dimension</i>	M18		
Einbauart <i>mounting</i>	nicht bündig <i>non flush</i>		
Anschluss <i>connection</i>	Stecker M8 <i>connector M8</i>	Kabel 2 m <i>cable 2 m</i>	



Induktive Näherungsschalter
inductive proximity switches

Betriebsspannung <i>service voltage</i>	10-30 VDC			
Eigenstromaufnahme <i>internal power consumpt.</i>	< 8 mA			
Spannungsabfall <i>voltage drop</i>	< 1,5 V			
Schalthyserese <i>switching hysteresis</i>	< 15 %			
Reproduzierbarkeit <i>reproducibility</i>	< 1 %			
Temperaturdrift <i>temperature drift</i>	< 10 %			
Umgebungstemperatur <i>ambient temperature</i>	- 25°C ... + 70°C			
Schutzart <i>protection class</i>	IP 67			
kurzschlußfest <i>short-circuit-proof</i>	ja <i>yes</i>			
Gehäusematerial <i>casing material</i>	Messing vernickelt <i>brass nickel plated</i>			

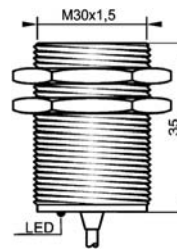
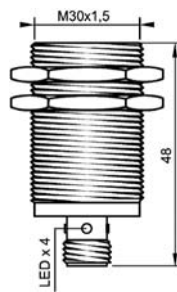
Schaltabstand <i>detection range</i>	8 mm	20 mm	8 mm	20 mm
max. Laststrom <i>max. load current</i>	200 mA			
Schaltfrequenz <i>max. operating frequency</i>	100 Hz			

Schema <i>diagramm</i>	Ausgang <i>output</i>				
1	PNP-NO	DCGL-018-PSK-ST4	DCTGL-018-PSK-ST4	DCGL-018-PSK-2m	DCTGL-018-PSK-2m
2	PNP-NC	DCGL-018-POK-ST4	DCTGL-018-POK-ST4	DCGL-018-POK-2m	DCTGL-018-POK-2m
4	NPN-NO	DCGL-018-NSK-ST4	DCTGL-018-NSK-ST4	DCGL-018-NSK-2m	DCTGL-018-NSK-2m
5	NPN-NC	DCGL-018-NOK-ST4	DCTGL-018-NOK-ST4	DCGL-018-NOK-2m	DCTGL-018-NOK-2m

Induktive Näherungsschalter *inductive proximity switches*

Zylindrisch DC *cylindric DC*

Bauform <i>dimension</i>	M30		
Einbauart <i>mounting</i>	bündig <i>flush</i>		
Anschluss <i>connection</i>	Stecker M12 <i>connector M12</i>	Kabel 2 m <i>cable 2 m</i>	



Betriebsspannung <i>service voltage</i>	10-3 VDC					
Eigenstromaufnahme <i>internal power consumpt.</i>	< 8 mA					
Spannungsabfall <i>voltage drop</i>	< 1,5 V					
Schalthyserese <i>switching hysteresis</i>	< 15 %					
Reproduzierbarkeit <i>reproducibility</i>	< 1 %					
Temperaturdrift <i>temperature drift</i>	< 10 %					
Umgebungstemperatur <i>ambient temperature</i>	- 25°C ... + 70°C					
Schutzart <i>protection class</i>	IP 67					
kurzschlußfest <i>short-circuit-proof</i>	ja <i>yes</i>					
Gehäusematerial <i>casing material</i>	Messing vernickelt <i>brass nickel plated</i>					
Schaltabstand <i>detection range</i>	10 mm	16 mm	22 mm	10 mm	16 mm	22 mm
max. Laststrom <i>max. load current</i>	200 mA					
Schaltfrequenz <i>max. operating frequency</i>	300 Hz					

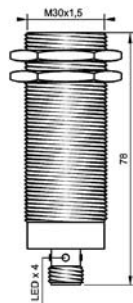
Schema <i>diagramm</i>	Ausgang <i>output</i>						
1	PNP-NO	DCGS-30-PSK-ST4	DCDGS-30-PSK-ST4	DCTGS-30-PSK-ST4	DCGS-30-PSK-2m	DCDGS-30-PSK-2m	DCTGS-30-PSK-2m
2	PNP-NC	DCGS-30-POK-ST4	DCDGS-30-POK-ST4	DCTGS-30-POK-ST4	DCGS-30-POK-2m	DCDGS-30-POK-2m	DCTGS-30-POK-2m
4	NPN-NO	DCGS-30-NSK-ST4	DCDGS-30-NSK-ST4	DCTGS-30-NSK-ST4	DCGS-30-NSK-2m	DCDGS-30-NSK-2m	DCTGS-30-NSK-2m
5	NPN-NC	DCGS-30-NOK-ST4	DCDGS-30-NOK-ST4	DCTGS-30-NOK-ST4	DCGS-30-NOK-2m	DCDGS-30-NOK-2m	DCTGS-30-NOK-2m

Induktive Näherungsschalter
inductive proximity switches

Induktive Näherungsschalter *inductive proximity switches*

Zylindrisch DC *cylindric DC*

Bauform <i>dimension</i>	M30					
Einbauart <i>mounting</i>	bündig <i>flush</i>	bündig <i>flush</i>	quasi bündig <i>quasi flush</i>	bündig <i>flush</i>	bündig <i>flush</i>	quasi bündig <i>quasi flush</i>
Anschluss <i>connection</i>	Stecker M12 <i>connector M12</i>			Kabel 2 m <i>cable 2 m</i>		



Induktive Näherungsschalter
inductive proximity switches

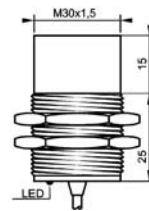
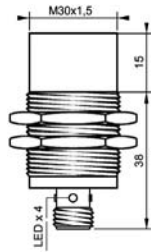
Betriebsspannung <i>service voltage</i>	10-30 VDC					
Eigenstromaufnahme <i>internal power consumpt.</i>	< 8 mA					
Spannungsabfall <i>voltage drop</i>	< 1,5 V					
Schalthyserese <i>switching hysteresis</i>	< 15					
Reproduzierbarkeit <i>reproducibility</i>	< 1%					
Temperaturdrift <i>temperature drift</i>	< 10 %					
Umgebungstemperatur <i>ambient temperature</i>	- 25°C ... + 70°C					
Schutzart <i>protection class</i>	IP 67					
kurzschlußfest <i>short-circuit-proof</i>	ja <i>yes</i>					
Gehäusematerial <i>casing material</i>	Messing vernickelt <i>brass nickel plated</i>					
Schaltabstand <i>detection range</i>	10 mm	15 mm	22 mm	10 mm	15 mm	22 mm
max. Laststrom <i>max. load current</i>	200 mA					
Schaltfrequenz <i>max. operating frequency</i>	300 Hz					

Schema <i>diagramm</i>	Ausgang <i>output</i>						
1	PNP-NO	DCGL-30-PSK-ST4	DCDGL-30-PSK-ST4	DCTGL-30-PSK-ST4	DCGL-30-PSK-2m	DCDGL-30-PSK-2m	DCTGL-30-PSK-2m
2	PNP-NC	DCGL-30-POK-ST4	DCDGL-30-POK-ST4	DCTGL-30-POK-ST4	DCGL-30-POK-2m	DCDGL-30-POK-2m	DCTGL-30-POK-2m
4	NPN-NO	DCGL-30-NSK-ST4	DCDGL-30-NSK-ST4	DCTGL-30-NSK-ST4	DCGL-30-NSK-2m	DCDGL-30-NSK-2m	DCTGL-30-NSK-2m
5	NPN-NC	DCGL-30-NOK-ST4	DCDGL-30-NOK-ST4	DCTGL-30-NOK-ST4	DCGL-30-NOK-2m	DCDGL-30-NOK-2m	DCTGL-30-NOK-2m

Induktive Näherungsschalter *inductive proximity switches*

Zylindrisch DC *cylindric DC*

Bauform <i>dimension</i>	M30		
Einbauart <i>mounting</i>	nicht bündig <i>non flush</i>		
Anschluss <i>connection</i>	Stecker M12 <i>connector M12</i>	Kabel 2 m <i>cabl 2 m</i>	



Induktive Näherungsschalter
inductive proximity switches

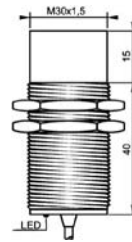
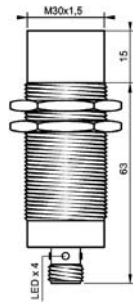
Betriebsspannung <i>service voltage</i>	10-30 VDC					
Eigenstromaufnahme <i>internal power consumpt.</i>	< 8 mA					
Spannungsabfall <i>voltage drop</i>	< 1,5 V					
Schalthyserese <i>switching hysteresis</i>	< 15 %					
Reproduzierbarkeit <i>reproducibility</i>	< 1 %					
Temperaturdrift <i>temperature drift</i>	< 10 %					
Umgebungstemperatur <i>ambient temperature</i>	- 25°C ... + 70°C					
Schutzart <i>protection class</i>	IP 67					
kurzschlußfest <i>short-circuit-proof</i>	ja <i>yes</i>					
Gehäusematerial <i>casing material</i>	Messing vernickelt <i>brass nickel plated</i>					
Schaltabstand <i>detection range</i>	15 mm	25 mm	40 mm	15 mm	25 mm	40 mm
max. Laststrom <i>max. load current</i>	200 mA					
Schaltfrequenz <i>max. operating frequency</i>	100 Hz					

Schema <i>diagramm</i>	Ausgang <i>output</i>						
1	PNP-NO	DCGS-030-PSK-ST4	DCDGS-030-PSK-ST4	DCTGS-030-PSK-ST4	DCGS-030-PSK-2m	DCDGS-030-PSK-2m	DCTGS-030-PSK-2m
2	PNP-NC	DCGS-030-POK-ST4	DCDGS-030-POK-ST4	DCTGS-030-POK-ST4	DCGS-030-POK-2m	DCDGS-030-POK-2m	DCTGS-030-POK-2m
4	NPN-NO	DCGS-030-NSK-ST4	DCDGS-030-NSK-ST4	DCTGS-030-NSK-ST4	DCGS-030-NSK-2m	DCDGS-030-NSK-2m	DCTGS-030-NSK-2m
5	NPN-NC	DCGS-030-NOK-ST4	DCDGS-030-NOK-ST4	DCTGS-030-NOK-ST4	DCGS-030-NOK-2m	DCDGS-030-NOK-2m	DCTGS-030-NOK-2m

Induktive Näherungsschalter *inductive proximity switches*

Zylindrisch DC *cylindric DC*

Bauform <i>dimension</i>	M30		
Einbauart <i>mounting</i>	nicht bündig <i>non flush</i>		
Anschluss <i>connection</i>	Stecker M12 <i>connector M12</i>	Kabel 2 m <i>cable 2 m</i>	



Induktive Näherungsschalter
inductive proximity switches

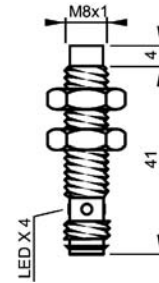
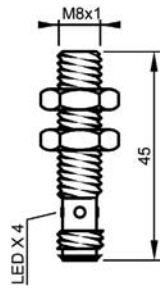
Betriebsspannung <i>service voltage</i>	10-30 VDC					
Eigenstromaufnahme <i>internal power consumpt.</i>	< 8 mA					
Spannungsabfall <i>voltage drop</i>	< 1,5 V					
Schalthyserese <i>switching hysteresis</i>	< 15 %					
Reproduzierbarkeit <i>reproducibility</i>	< 1 %					
Temperaturdrift <i>temperature drift</i>	< 10 %					
Umgebungstemperatur <i>ambient temperature</i>	- 25°C ... + 70°C					
Schutzart <i>protection class</i>	IP 67					
kurzschlußfest <i>short-circuit-proof</i>	ja <i>yes</i>					
Gehäusematerial <i>casing material</i>	Messing vernickelt <i>brass nickel plated</i>					
Schaltabstand <i>detection range</i>	15 mm	25 mm	40 mm	15 mm	25 mm	40 mm
max. Laststrom <i>max. load current</i>	200 mA					
Schaltfrequenz <i>max. operating frequency</i>	100 Hz					

Schema <i>diagramm</i>	Ausgang <i>output</i>						
1	PNP-NO	DCGL-030-PSK-ST4	DCDGL-030-PSK-ST4	DCTGL-030-PSK-ST4	DCGL-030-PSK-2m	DCDGL-030-PSK-2m	DCTGL-030-PSK-2m
2	PNP-NC	DCGL-030-POK-ST4	DCDGL-030-POK-ST4	DCTGL-030-POK-ST4	DCGL-030-POK-2m	DCDGL-030-POK-2m	DCTGL-030-POK-2m
4	NPN-NO	DCGL-030-NSK-ST4	DCDGL-030-NSK-ST4	DCTGL-030-NSK-ST4	DCGL-030-NSK-2m	DCDGL-030-NSK-2m	DCTGL-030-NSK-2m
5	NPN-NC	DCGL-030-NOK-ST4	DCDGL-030-NOK-ST4	DCTGL-030-NOK-ST4	DCGL-030-NOK-2m	DCDGL-030-NOK-2m	DCTGL-030-NOK-2m

Induktive Näherungsschalter *inductive proximity switches*

Zylindrisch DC Vollmetall *cylindric DC full metal*

Bauform <i>dimension</i>	M8		
Einbauart <i>mounting</i>	bündig <i>flush</i>	nicht bündig <i>non flush</i>	
Anschluss <i>connection</i>	Stecker M8 <i>connector M8</i>		



Betriebsspannung <i>service voltage</i>	10-30 VDC					
Eigenstromaufnahme <i>internal power consumpt.</i>	< 8 mA					
Spannungsabfall <i>voltage drop</i>	< 1,5 V					
Schalthyserese <i>switching hysteresis</i>	< 15 %					
Reproduzierbarkeit <i>reproducibility</i>	< 1 %					
Temperaturdrift <i>temperature drift</i>	< 10 %					
Umgebungstemperatur <i>ambient temperature</i>	- 25°C ... + 75°C					
Schutzart <i>protection class</i>	IP 68					
kurzschlußfest <i>short-circuit-proof</i>	ja <i>yes</i>					
Gehäusematerial <i>casing material</i>	Edelstahl V2A-1.4305 <i>stainless steel V2A-1.4305</i>					
Schaltabstand <i>detection range</i>	1 mm	2 mm	3 mm	2 mm	4 mm	6 mm
max. Laststrom <i>max. load current</i>	200 mA					
Schaltfrequenz <i>max. operating frequency</i>	2000 Hz			1000 Hz		

Schema <i>diagramm</i>	Ausgang <i>output</i>						
1	PNP-NO	DCSVM-8-PSK-ST3	DCDSVM-8-PSK-ST3	DCTSVM-8-PSK-ST3	DCSVM-08-PSK-ST3	DCDSVM-08-PSK-ST3	DCTSVM-08-PSK-ST3
2	PNP-NC	DCSVM-8-POK-ST3	DCDSVM-8-POK-ST3	DCTSVM-8-POK-ST3	DCSVM-08-POK-ST3	DCDSVM-08-POK-ST3	DCTSVM-08-POK-ST3
4	NPN-NO	DCSVM-8-NSK-ST3	DCDSVM-8-NSK-ST3	DCTSVM-8-NSK-ST3	DCSVM-08-NSK-ST3	DCDSVM-08-NSK-ST3	DCTSVM-08-NSK-ST3
5	NPN-NC	DCSVM-8-NOK-ST3	DCDSVM-8-NOK-ST3	DCTSVM-8-NOK-ST3	DCSVM-08-NOK-ST3	DCDSVM-08-NOK-ST3	DCTSVM-08-NOK-ST3

2 m Festkabel auf Anfrage. *2m fixed cable on request.*



Induktive Näherungsschalter
inductive proximity switches

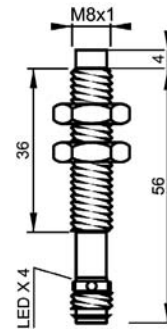
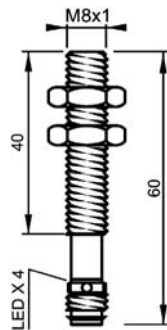
Induktive Näherungsschalter *inductive proximity switches*

Zylindrisch DC Vollmetall *cylindric DC full metal*

Bauform <i>dimension</i>	M8	
Einbauart <i>mounting</i>	bündig <i>flush</i>	nicht bündig <i>non flush</i>
Anschluss <i>connection</i>	Stecker M8 <i>connector M8</i>	



Induktive Näherungsschalter
inductive proximity switches



Betriebsspannung <i>service voltage</i>	10-30 VDC					
Eigenstromaufnahme <i>internal power consumpt.</i>	< 8 mA					
Spannungsabfall <i>voltage drop</i>	< 1,5 V					
Schalthyserese <i>switching hysteresis</i>	< 15 %					
Reproduzierbarkeit <i>reproducibility</i>	< 1 %					
Temperaturdrift <i>temperature drift</i>	< 10 %					
Umgebungstemperatur <i>ambient temperature</i>	- 25°C ... + 75°C					
Schutzart <i>protection class</i>	IP 68					
kurzschlußfest <i>short-circuit-proof</i>	ja <i>yes</i>					
Gehäusematerial <i>casing material</i>	Edelstahl V2A-1.4305 <i>stainless steel V2A-1.4305</i>					

Schaltabstand <i>detection range</i>	1 mm	2 mm	3 mm	2 mm	4 mm	6 mm
max. Laststrom <i>max. load current</i>	200 mA					
Schaltfrequenz <i>max. operating frequency</i>	2000 Hz			1000 Hz		

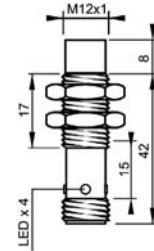
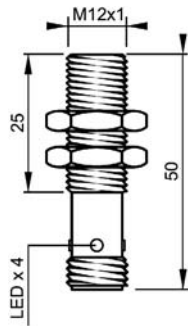
Schema <i>diagramm</i>	Ausgang <i>output</i>						
1	PNP-NO	DCLVM-8-PSK-ST3	DCDLVM-8-PSK-ST3	DCTLVM-8-PSK-ST3	DCLVM-08-PSK-ST3	DCDLVM-08-PSK-ST3	DCTLVM-08-PSK-ST3
2	PNP-NC	DCLVM-8-POK-ST3	DCDLVM-8-POK-ST3	DCTLVM-8-POK-ST3	DCLVM-08-POK-ST3	DCDLVM-08-POK-ST3	DCTLVM-08-POK-ST3
4	NPN-NO	DCLVM-8-NSK-ST3	DCDLVM-8-NSK-ST3	DCTLVM-8-NSK-ST3	DCLVM-08-NSK-ST3	DCDLVM-08-NSK-ST3	DCTLVM-08-NSK-ST3
5	NPN-NC	DCLVM-8-NOK-ST3	DCDLVM-8-NOK-ST3	DCTLVM-8-NOK-ST3	DCLVM-08-NOK-ST3	DCDLVM-08-NOK-ST3	DCTLVM-08-NOK-ST3

2 m Festkabel auf Anfrage. *2m fixed cable on request.*

Induktive Näherungsschalter *inductive proximity switches*

Zylindrisch DC Vollmetall *cylindric DC full metal*

Bauform <i>dimension</i>	M12
Einbauart <i>mounting</i>	bündig <i>flush</i> nicht bündig <i>non flush</i>
Anschluss <i>connection</i>	Stecker M12 <i>connector M12</i>



Betriebsspannung <i>service voltage</i>	10-30 VDC					
Eigenstromaufnahme <i>internal power consumpt.</i>	< 8 mA					
Spannungsabfall <i>voltage drop</i>	< 1,5 V					
Schalthyserese <i>switching hysteresis</i>	< 15 %					
Reproduzierbarkeit <i>reproducibility</i>	< 1 %					
Temperaturdrift <i>temperature drift</i>	< 10 %					
Umgebungstemperatur <i>ambient temperature</i>	- 25°C ... + 75°C					
Schutzart <i>protection class</i>	IP 68					
kurzschlußfest <i>short-circuit-proof</i>	ja <i>yes</i>					
Gehäusematerial <i>casing material</i>	Edelstahl V2A-1.4305 <i>stainless steel V2A-1.4305</i>					
Schaltabstand <i>detection range</i>	2 mm	4 mm	6 mm	4 mm	8 mm	10 mm
max. Laststrom <i>max. load current</i>	200 mA					
Schaltfrequenz <i>max. operating frequency</i>	2000 Hz			1000 Hz		

Schema <i>diagramm</i>	Ausgang <i>output</i>	DCSVM-12-PSK-ST4	DCDSVM-12-PSK-ST4	DCTSVM-12-PSK-ST4	DCSVM-012-PSK-ST4	DCDSVM-012-PSK-ST4	DCTSVM-012-PSK-ST4
1	PNP-NO	DCSVM-12-PSK-ST4	DCDSVM-12-PSK-ST4	DCTSVM-12-PSK-ST4	DCSVM-012-PSK-ST4	DCDSVM-012-PSK-ST4	DCTSVM-012-PSK-ST4
2	PNP-NC	DCSVM-12-POK-ST4	DCDSVM-12-POK-ST4	DCTSVM-12-POK-ST4	DCSVM-012-POK-ST4	DCDSVM-012-POK-ST4	DCTSVM-012-POK-ST4
4	NPN-NO	DCSVM-12-NSK-ST4	DCDSVM-12-NSK-ST4	DCTSVM-12-NSK-ST4	DCSVM-012-NSK-ST4	DCDSVM-012-NSK-ST4	DCTSVM-012-NSK-ST4
5	NPN-NC	DCSVM-12-NOK-ST4	DCDSVM-12-NOK-ST4	DCTSVM-12-NOK-ST4	DCSVM-012-NOK-ST4	DCDSVM-012-NOK-ST4	DCTSVM-012-NOK-ST4

2 m Festkabel auf Anfrage. *2m fixed cable on request.*



Induktive Näherungsschalter
inductive proximity switches

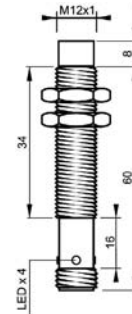
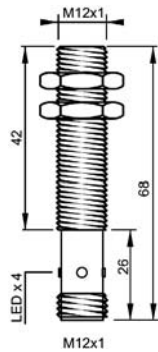
Induktive Näherungsschalter *inductive proximity switches*

Zylindrisch DC Vollmetall *cylindric DC full metal*

Bauform <i>dimension</i>	M12	
Einbauart <i>mounting</i>	bündig <i>flush</i>	nicht bündig <i>non flush</i>
Anschluss <i>connection</i>	Stecker M12 <i>connector M12</i>	



Induktive Näherungsschalter
inductive proximity switches



Betriebsspannung <i>service voltage</i>	10-30 VDC					
Eigenstromaufnahme <i>internal power consumpt.</i>	< 8 mA					
Spannungsabfall <i>voltage drop</i>	< 1,5 V					
Schalthyserese <i>switching hysteresis</i>	< 15 %					
Reproduzierbarkeit <i>reproducibility</i>	< 1 %					
Temperaturdrift <i>temperature drift</i>	< 10 %					
Umgebungstemperatur <i>ambient temperature</i>	- 25°C ... + 75°C					
Schutzart <i>protection class</i>	IP 68					
kurzschlußfest <i>short-circuit-proof</i>	ja <i>yes</i>					
Gehäusematerial <i>casing material</i>	Edelstahl V2A-1.4305 <i>stainless steel V2A-1.4305</i>					

Schaltabstand <i>detection range</i>	2 mm	4 mm	6 mm	4 mm	8 mm	10 mm
max. Laststrom <i>max. load current</i>	200 mA					
Schaltfrequenz <i>max. operating frequency</i>	2000 Hz			1000 Hz		

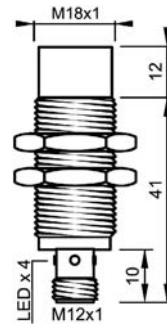
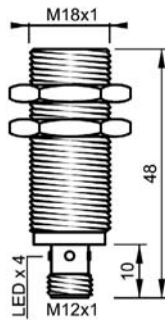
Schema <i>diagramm</i>	Ausgang <i>output</i>						
1	PNP-NO	DCLVM-12-PSK-ST4	DCDLVM-12-PSK-ST4	DCTLVM-12-PSK-ST4	DCLVM-012-PSK-ST4	DCDLVM-012-PSK-ST4	DCTLVM-012-PSK-ST4
2	PNP-NC	DCLVM-12-POK-ST4	DCDLVM-12-POK-ST4	DCTLVM-12-POK-ST4	DCLVM-012-POK-ST4	DCDLVM-012-POK-ST4	DCTLVM-012-POK-ST4
4	NPN-NO	DCLVM-12-NSK-ST4	DCDLVM-12-NSK-ST4	DCTLVM-12-NSK-ST4	DCLVM-012-NSK-ST4	DCDLVM-012-NSK-ST4	DCTLVM-012-NSK-ST4
5	NPN-NC	DCLVM-12-NOK-ST4	DCDLVM-12-NOK-ST4	DCTLVM-12-NOK-ST4	DCLVM-012-NOK-ST4	DCDLVM-012-NOK-ST4	DCTLVM-012-NOK-ST4

2 m Festkabel auf Anfrage. *2m fixed cable on request.*

Induktive Näherungsschalter *inductive proximity switches*

Zylindrisch DC Vollmetall *cylindric DC full metal*

Bauform <i>dimension</i>	M18		
Einbauart <i>mounting</i>	bündig <i>flush</i>	nicht bündig <i>non flush</i>	
Anschluss <i>connection</i>	Stecker M12 <i>connector M12</i>		



Betriebsspannung <i>service voltage</i>	10-30 VDC					
Eigenstromaufnahme <i>internal power consumpt.</i>	< 8 mA					
Spannungsabfall <i>voltage drop</i>	< 1,5 V					
Schalthyserese <i>switching hysteresis</i>	< 15 %					
Reproduzierbarkeit <i>reproducibility</i>	< 1 %					
Temperaturdrift <i>temperature drift</i>	< 10 %					
Umgebungstemperatur <i>ambient temperature</i>	- 25°C ... + 75°C					
Schutzart <i>protection class</i>	IP 68					
kurzschlußfest <i>short-circuit-proof</i>	ja <i>yes</i>					
Gehäusematerial <i>casing material</i>	Edelstahl V2A-1.4305 <i>stainless steel V2A-1.4305</i>					
Schaltabstand <i>detection range</i>	2 mm	4 mm	6 mm	4 mm	8 mm	10 mm
max. Laststrom <i>max. load current</i>	200 mA					
Schaltfrequenz <i>max. operating frequency</i>	1000 Hz			500 Hz		

Schema <i>diagramm</i>	Ausgang <i>output</i>						
1	PNP-NO	DCSVM-18-PSK-ST4	DCDSVM-18-PSK-ST4	DCTSVM-18-PSK-ST4	DCSVM-018-PSK-ST4	DCDSVM-018-PSK-ST4	DCTSVM-018-PSK-ST4
2	PNP-NC	DCSVM-18-POK-ST4	DCDSVM-18-POK-ST4	DCTSVM-18-POK-ST4	DCSVM-018-POK-ST4	DCDSVM-018-POK-ST4	DCTSVM-018-POK-ST4
4	NPN-NO	DCSVM-18-NSK-ST4	DCDSVM-18-NSK-ST4	DCTSVM-18-NSK-ST4	DCSVM-018-NSK-ST4	DCDSVM-018-NSK-ST4	DCTSVM-018-NSK-ST4
5	NPN-NC	DCSVM-18-NOK-ST4	DCDSVM-18-NOK-ST4	DCTSVM-18-NOK-ST4	DCSVM-018-NOK-ST4	DCDSVM-018-NOK-ST4	DCTSVM-018-NOK-ST4

2 m Festkabel auf Anfrage. *2m fixed cable on request.*

Induktive Näherungsschalter
inductive proximity switches

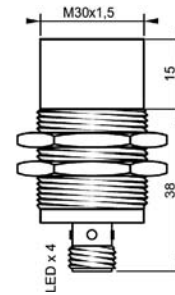
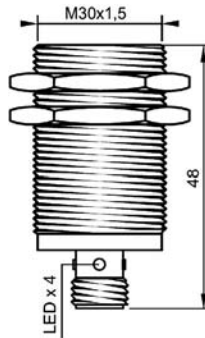
Induktive Näherungsschalter *inductive proximity switches*

Zylindrisch DC Vollmetall *cylindric DC full metal*

Bauform <i>dimension</i>	M30		
Einbauart <i>mounting</i>	bündig <i>flush</i>	nicht bündig <i>non flush</i>	
Anschluss <i>connection</i>	Stecker M12 <i>connector M12</i>		



Induktive Näherungsschalter
inductive proximity switches



Betriebsspannung <i>service voltage</i>	10-30 VDC					
Eigenstromaufnahme <i>internal power consumpt.</i>	< 8 mA					
Spannungsabfall <i>voltage drop</i>	< 1,5 V					
Schalthyserese <i>switching hysteresis</i>	< 15 %					
Reproduzierbarkeit <i>reproducibility</i>	< 1 %					
Temperaturdrift <i>temperature drift</i>	< 10 %					
Umgebungstemperatur <i>ambient temperature</i>	- 25°C ... + 75°C					
Schutzart <i>protection class</i>	IP 68					
kurzschlußfest <i>short-circuit-proof</i>	ja <i>yes</i>					
Gehäusematerial <i>casing material</i>	Edelstahl V2A-1.4305 <i>stainless steel V2A-1.4305</i>					

Schaltabstand <i>detection range</i>	10 mm	16 mm	20 mm	15 mm	25 mm	25 mm
max. Laststrom <i>max. load current</i>	200 mA					
Schaltfrequenz <i>max. operating frequency</i>	300 Hz			125 Hz		

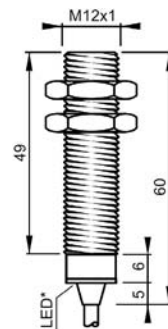
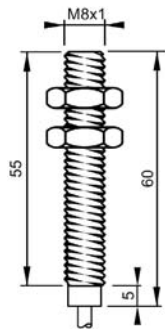
Schema <i>diagramm</i>	Ausgang <i>output</i>	1	2	3	4	5	6	7	8
1	PNP-NO	DCSVM-30-PSK-ST4	DCDSVM-30-PSK-ST4	DCTSVM-30-PSK-ST4	DCSVM-030-PSK-ST4	DCDSVM-030-PSK-ST4	DCTSVM-030-PSK-ST4		
	PNP-NC	DCSVM-30-POK-ST4	DCDSVM-30-POK-ST4	DCTSVM-30-POK-ST4	DCSVM-030-POK-ST4	DCDSVM-030-POK-ST4	DCTSVM-030-POK-ST4		
4	NPN-NO	DCSVM-30-NSK-ST4	DCDSVM-30-NSK-ST4	DCTSVM-30-NSK-ST4	DCSVM-030-NSK-ST4	DCDSVM-030-NSK-ST4	DCTSVM-030-NSK-ST4		
	NPN-NC	DCSVM-30-NOK-ST4	DCDSVM-30-NOK-ST4	DCTSVM-30-NOK-ST4	DCSVM-030-NOK-ST4	DCDSVM-030-NOK-ST4	DCTSVM-030-NOK-ST4		

2 m Festkabel auf Anfrage. *2m fixed cable on request.*

Induktive Näherungsschalter *inductive proximity switches*

Zylindrisch DC Hochtemperatur *cylindric DC high temperature*

Bauform <i>dimension</i>	M8	M12
Einbauart <i>mounting</i>	bündig <i>flush</i>	
Anschluss <i>connection</i>	Kabel 2 m / Silikon <i>cable 2 m / silicone</i>	



Betriebsspannung <i>service voltage</i>	10-30 VDC	
Eigenstromaufnahme <i>internal power consumpt.</i>	< 10 mA	
Spannungsabfall <i>voltage drop</i>	< 2 V	
Schalthyserese <i>switching hysteresis</i>	< 15 %	
Reproduzierbarkeit <i>reproducibility</i>	< 1 %	
Temperaturdrift <i>temperature drift</i>	< 10 %	
Umgebungstemperatur <i>ambient temperature</i>	Temp.-Bereich bis +140°C <i>temp.-range till +140°C</i>	140°C
Schutzart <i>protection class</i>	IP 67	
kurzschlußfest <i>short-circuit-proof</i>	ja <i>yes</i>	
Gehäusematerial <i>casing material</i>	Edelstahl <i>stainless steel</i>	
Schaltabstand <i>detection range</i>	2 mm	3 mm
max. Laststrom <i>max. load current</i>	120 mA	
Schaltfrequenz <i>max. operating frequency</i>	800 Hz	500 Hz

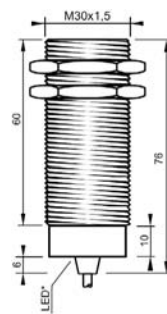
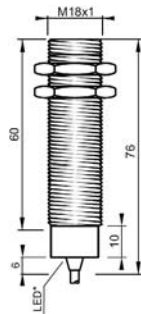
Schema <i>diagramm</i>	Ausgang <i>output</i>		
1	PNP-NO	DCHT-8-PSK-2m	DCHT-12-PSK-2m

Induktive Näherungsschalter
inductive proximity switches

Induktive Näherungsschalter *inductive proximity switches*

Zylindrisch DC Hochtemperatur *cylindric DC high temperature*

Bauform <i>dimension</i>	M18	M30
Einbauart <i>mounting</i>	bündig <i>flush</i>	
Anschluss <i>connection</i>	Kabel 2 m / Silikon <i>cabl 2 m / silicone</i>	



Induktive Näherungsschalter
inductive proximity switches

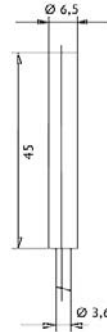
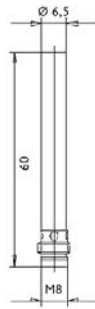
Betriebsspannung <i>service voltage</i>	5-35 VDC	
Eigenstromaufnahme <i>internal power consumpt.</i>	< 10 mA	
Spannungsabfall <i>voltage drop</i>	< 2 V	
Schalthyserese <i>switching hysteresis</i>	< 15 %	
Reproduzierbarkeit <i>reproducibility</i>	< 1 %	
Temperaturdrift <i>temperature drift</i>	< 10 %	
Umgebungstemperatur <i>ambient temperature</i>	Temp.-Bereich bis +180°C <i>temp.-range till +180°C</i>	
Schutzart <i>protection class</i>	IP 67	
kurzschlußfest <i>short-circuit-proof</i>	ja <i>yes</i>	
Gehäusematerial <i>casing material</i>	Edelstahl <i>stainless steel</i>	
Schaltabstand <i>detection range</i>	5 mm	10 mm
max. Laststrom <i>max. load current</i>	120 mA	200 mA
Schaltfrequenz <i>max. operating frequency</i>	500 Hz	200 Hz

Schema <i>diagramm</i>	Ausgang <i>output</i>	
1	PNP-NO	DCHT-18-PSK-2m DCHT-30-PSK-2m

Induktive Näherungsschalter *inductive proximity switches*

Zylindrisch DC Schweißfest *cylindric DC weld resistant*

Bauform <i>dimension</i>	Ø 6,5 mm	Ø 6,5 mm
Einbauart <i>mounting</i>	bündig <i>flush</i>	
Anschluss <i>connection</i>	Stecker M8 <i>connector M8</i>	Kabel 2 m <i>cabl 2 m</i>



Betriebsspannung <i>service voltage</i>	10-30 VDC
Eigenstromaufnahme <i>internal power consumpt.</i>	< 10 mA
Spannungsabfall <i>voltage drop</i>	< 1,5 V
Schalthyserese <i>switching hysteresis</i>	< 15 %
Reproduzierbarkeit <i>reproducibility</i>	< 1 %
Temperaturdrift <i>temperature drift</i>	< 10 %
Umgebungstemperatur <i>ambient temperature</i>	- 25°C ... + 70°C
Schutzart <i>protection class</i>	IP 67
kurzschlußfest <i>short-circuit-proof</i>	ja <i>yes</i>
Gehäusematerial <i>casing material</i>	Edelstahl <i>stainless steel</i>
Schaltabstand <i>detection range</i>	1 mm
max. Laststrom <i>max. load current</i>	200 mA
Schaltfrequenz <i>max. operating frequency</i>	2 kHz

Schema <i>diagramm</i>	Ausgang <i>output</i>		
1	PNP-NO	DCSF-65-PSK-ST3	DCSF-65-PSK-2m

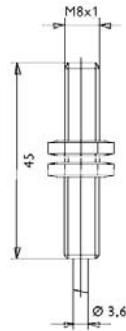
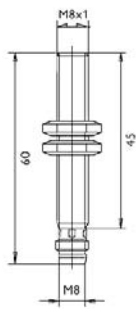


Induktive Näherungsschalter
inductive proximity switches

Induktive Näherungsschalter *inductive proximity switches*

Zylindrisch DC Schweißfest *cylindric DC weld resistant*

Bauform <i>dimension</i>	M8		
Einbauart <i>mounting</i>	bündig <i>flush</i>		
Anschluss <i>connection</i>	Stecker M8 <i>connector M8</i>	Kabel 2 m <i>cabl 2 m</i>	



Induktive Näherungsschalter
inductive proximity switches

Betriebsspannung <i>service voltage</i>	10-30 VDC
Eigenstromaufnahme <i>internal power consumpt.</i>	< 10 mA
Spannungsabfall <i>voltage drop</i>	< 1,5 V
Schalthyserese <i>switching hysteresis</i>	< 15 %
Reproduzierbarkeit <i>reproducibility</i>	< 1 %
Temperaturdrift <i>temperature drift</i>	< 10 %
Umgebungstemperatur <i>ambient temperature</i>	- 25°C ... + 70°C
Schutzart <i>protection class</i>	IP 67
kurzschlußfest <i>short-circuit-proof</i>	ja <i>yes</i>
Gehäusematerial <i>casing material</i>	Edelstahl <i>stainless steel</i>

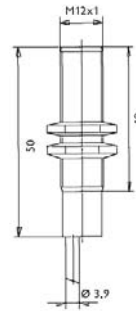
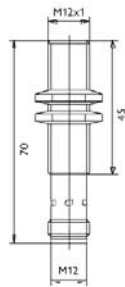
Schaltabstand <i>detection range</i>	1 mm
max. Laststrom <i>max. load current</i>	200 mA
Schaltfrequenz <i>max. operating frequency</i>	2 kHz

Schema <i>diagramm</i>	Ausgang <i>output</i>		
1	PNP-NO	DCSF-8-PSK-ST3	DCSF-8-PSK-2m

Induktive Näherungsschalter *inductive proximity switches*

Zylindrisch DC Schweißfest *cylindric DC weld resistant*

Bauform <i>dimension</i>	M12		
Einbauart <i>mounting</i>	bündig <i>flush</i>		
Anschluss <i>connection</i>	Stecker M12 <i>connector M12</i>	Kabel 2 m <i>cabl 2 m</i>	



Betriebsspannung <i>service voltage</i>	10-30 VDC
Eigenstromaufnahme <i>internal power consumpt.</i>	< 10 mA
Spannungsabfall <i>voltage drop</i>	< 2 V
Schalthyserese <i>switching hysteresis</i>	< 15 %
Reproduzierbarkeit <i>reproducibility</i>	< 1 %
Temperaturdrift <i>temperature drift</i>	< 10 %
Umgebungstemperatur <i>ambient temperature</i>	- 25°C ... + 70°C
Schutzart <i>protection class</i>	IP 67
kurzschlußfest <i>short-circuit-proof</i>	ja <i>yes</i>
Gehäusematerial <i>casing material</i>	Edelstahl <i>stainless steel</i>
Schaltabstand <i>detection range</i>	2 mm
max. Laststrom <i>max. load current</i>	200 mA
Schaltfrequenz <i>max. operating frequency</i>	2 kHz

Schema <i>diagramm</i>	Ausgang <i>output</i>		
1	PNP-NO	DCSF-12-PSK-ST4	DCSF-12-PSK-2m

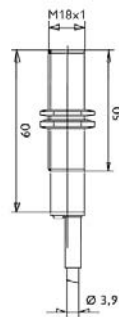
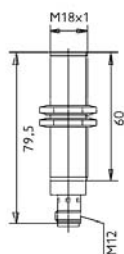


Induktive Näherungsschalter
inductive proximity switches

Induktive Näherungsschalter *inductive proximity switches*

Zylindrisch DC Schweißfest *cylindric DC weld resistant*

Bauform <i>dimension</i>	M18		
Einbauart <i>mounting</i>	bündig <i>flush</i>		
Anschluss <i>connection</i>	Stecker M12 <i>connector M12</i>	Kabel 2 m <i>cabl 2 m</i>	



Induktive Näherungsschalter
inductive proximity switches

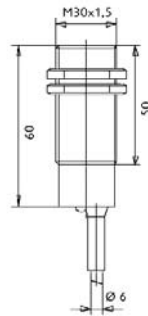
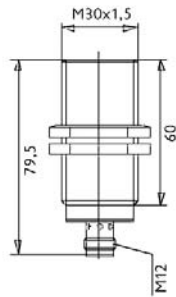
Betriebsspannung <i>service voltage</i>	10-30 VDC
Eigenstromaufnahme <i>internal power consumpt.</i>	< 10 mA
Spannungsabfall <i>voltage drop</i>	< 2 V
Schalthyserese <i>switching hysteresis</i>	< 15 %
Reproduzierbarkeit <i>reproducibility</i>	< 1 %
Temperaturdrift <i>temperature drift</i>	< 10 %
Umgebungstemperatur <i>ambient temperature</i>	- 25°C ... + 70°C
Schutzart <i>protection class</i>	IP 67
kurzschlußfest <i>short-circuit-proof</i>	ja <i>yes</i>
Gehäusematerial <i>casing material</i>	Edelstahl <i>stainless steel</i>
Schaltabstand <i>detection range</i>	5 mm
max. Laststrom <i>max. load current</i>	200 mA
Schaltfrequenz <i>max. operating frequency</i>	1 kHz

Schema <i>diagramm</i>	Ausgang <i>output</i>		
1	PNP-NO	DCSF-18-PSK-ST4	DCSF-18-PSK-2m

Induktive Näherungsschalter *inductive proximity switches*

Zylindrisch DC Schweißfest *cylindric DC weld resistant*

Bauform <i>dimension</i>	M30	
Einbauart <i>mounting</i>	bündig <i>flush</i>	
Anschluss <i>connection</i>	Stecker M12 <i>connector M12</i>	Kabel 2 m <i>cabl 2 m</i>



Betriebsspannung <i>service voltage</i>	10-30 VDC
Eigenstromaufnahme <i>internal power consumpt.</i>	< 10 mA
Spannungsabfall <i>voltage drop</i>	< 2 V
Schalthyserese <i>switching hysteresis</i>	< 15 %
Reproduzierbarkeit <i>reproducibility</i>	< 1 %
Temperaturdrift <i>temperature drift</i>	< 10 %
Umgebungstemperatur <i>ambient temperature</i>	- 25°C ... + 70°C
Schutzart <i>protection class</i>	IP 67
kurzschlußfest <i>short-circuit-proof</i>	ja <i>yes</i>
Gehäusematerial <i>casing material</i>	Edelstahl <i>stainless steel</i>
Schaltabstand <i>detection range</i>	10 mm
max. Laststrom <i>max. load current</i>	200 mA
Schaltfrequenz <i>max. operating frequency</i>	300 Hz

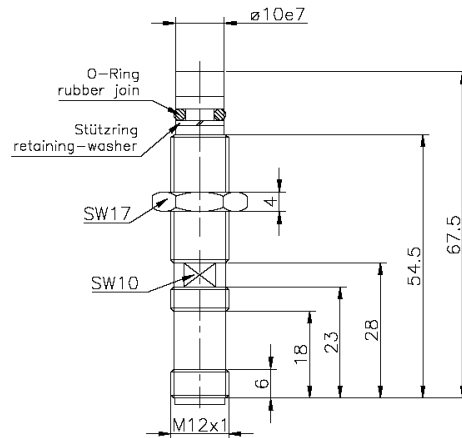
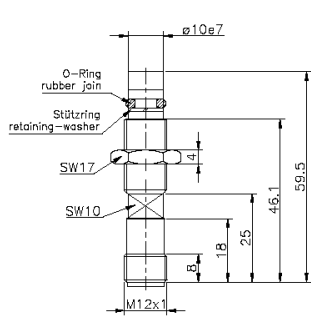
Schema <i>diagramm</i>	Ausgang <i>output</i>		
1	PNP-NO	DCSF-30-PSK-ST4	DCSF-30-PSK-2m

Induktive Näherungsschalter
inductive proximity switches

Induktive Näherungsschalter *inductive proximity switches*

Zylindrisch DC Druckfest *cylindric DC pressure resistant*

Bauform <i>dimension</i>	M12
Einbauart <i>mounting</i>	bündig <i>flush</i>
Anschluss <i>connection</i>	Stecker M12 <i>connector M12</i>



Induktive Näherungsschalter
inductive proximity switches

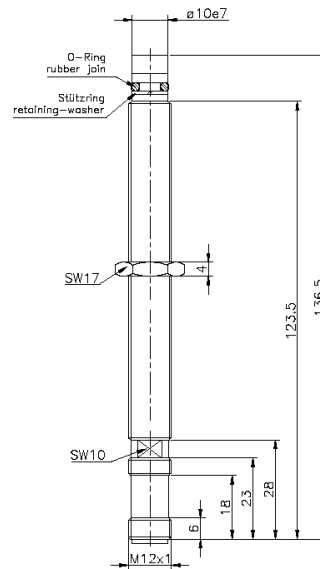
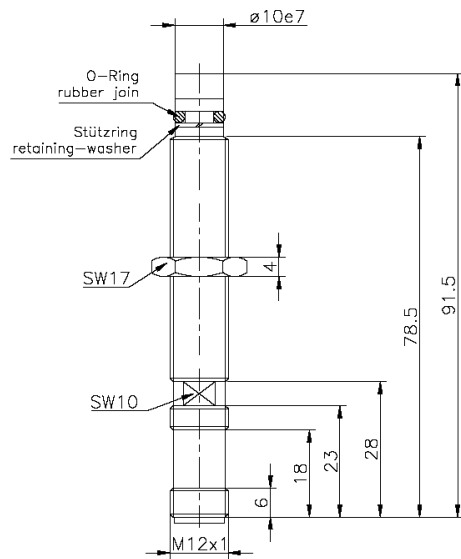
Betriebsspannung <i>service voltage</i>	10-30 VDC
Eigenstromaufnahme <i>internal power consumpt.</i>	< 10 mA
Spannungsabfall <i>voltage drop</i>	< 2 V
Schalthyserese <i>switching hysteresis</i>	15 %
Reproduzierbarkeit <i>reproducibility</i>	< 1 %
Temperaturdrift <i>temperature drift</i>	< 10 %
Umgebungstemperatur <i>ambient temperature</i>	-25°C ... +70°C
Schutzart <i>protection class</i>	IP 67
kurzschlußfest <i>short-circuit-proof</i>	ja <i>yes</i>
Gehäusematerial <i>casing material</i>	Edelstahl <i>stainless steel</i>
Schaltabstand <i>detection range</i>	2 mm
druckfest bis <i>pressure resistant till</i>	500 bar
max. Laststrom <i>max. load current</i>	200 mA
Schaltfrequenz <i>max. operating frequency</i>	50 Hz

Schema <i>diagramm</i>	Ausgang <i>output</i>	
1	PNP-NO	DCDFS-12-PSK-ST4
2	PNP-NC	DCDFM-12-POK-ST4

Induktive Näherungsschalter *inductive proximity switches*

Zylindrisch DC Druckfest *cylindric DC pressure resistant*

Bauform <i>dimension</i>	M12
Einbauart <i>mounting</i>	bündig <i>flush</i>
Anschluss <i>connection</i>	Stecker M12 <i>connector M12</i>



Betriebsspannung <i>service voltage</i>	10-30 VDC
Eigenstromaufnahme <i>internal power consumpt.</i>	< 10 mA
Spannungsabfall <i>voltage drop</i>	< 2 V
Schalthyserese <i>switching hysteresis</i>	15 %
Reproduzierbarkeit <i>reproducibility</i>	< 1 %
Temperaturdrift <i>temperature drift</i>	< 10 %
Umgebungstemperatur <i>ambient temperature</i>	-25°C ... +70°C
Schutzart <i>protection class</i>	IP 67
kurzschlußfest <i>short-circuit-proof</i>	ja <i>yes</i>
Gehäusematerial <i>casing material</i>	Edelstahl <i>stainless steel</i>
Schaltabstand <i>detection range</i>	2 mm
druckfest bis <i>pressure resistant till</i>	500 bar
max. Laststrom <i>max. load current</i>	200 mA
Schaltfrequenz <i>max. operating frequency</i>	50 Hz

Schema <i>diagramm</i>	Ausgang <i>output</i>		
1	PNP-NO	DCDF-12-PSK-ST4	DCDFL-12-PSK-ST4
2	PNP-NC	DCDF-12-POK-ST4	DCDFL-12-POK-ST4

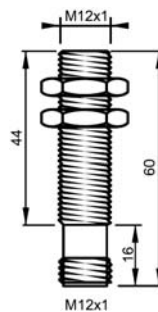
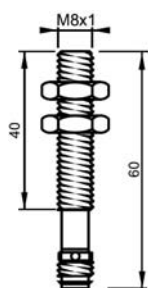


Induktive Näherungsschalter
inductive proximity switches

Induktive Näherungsschalter *inductive proximity switches*

Zylindrisch DC Analog *cylindric DC analog*

Bauform <i>dimension</i>	M8	M12
Einbauart <i>mounting</i>	bündig <i>flush</i>	
Anschluss <i>connection</i>	Stecker M8 <i>connector M8</i>	Stecker M12 <i>connector M12</i>



Induktive Näherungsschalter
inductive proximity switches

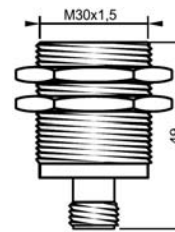
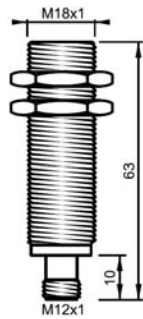
Betriebsspannung <i>service voltage</i>	18-30 VDC
Eigenstromaufnahme <i>internal power consumpt.</i>	35 mA
Temperaturdrift <i>temperature drift</i>	< 10 %
Umgebungstemperatur <i>ambient temperature</i>	-25°C ... +70°C
Schutzart <i>protection class</i>	IP 67
kurzschlußfest <i>short-circuit-proof</i>	ja <i>yes</i>
Gehäusematerial <i>casing material</i>	Messing vernickelt <i>brass nickel plated</i>
Erfassungsbereich <i>detection range</i>	0-6 mm
Spannungsausgang <i>voltage output</i>	0-10 V
Stromausgang <i>current output</i>	4-20 mA

Schema <i>diagramm</i>	Ausgang <i>output</i>		
14	analog	DC-8-ANVI-ST4	DC-12-ANVI-ST4

Induktive Näherungsschalter *inductive proximity switches*

Zylindrisch DC Analog *cylindric DC analog*

Bauform <i>dimension</i>	M18	M30
Einbauart <i>mounting</i>	bündig <i>flush</i>	
Anschluss <i>connection</i>	Stecker M12 <i>connector M12</i>	



Betriebsspannung <i>service voltage</i>	18-30 VDC
Eigenstromaufnahme <i>internal power consumpt.</i>	35 mA
Temperaturdrift <i>temperature drift</i>	< 10 %
Umgebungstemperatur <i>ambient temperature</i>	-25°C ... +70°C
Schutzart <i>protection class</i>	IP 67
kurzschlußfest <i>short-circuit-proof</i>	ja <i>yes</i>
Gehäusematerial <i>casing material</i>	Messing vernickelt <i>brass nickel plated</i>
Erfassungsbereich <i>detection range</i>	0-10 mm
Spannungsausgang <i>voltage output</i>	0-10 V
Stromausgang <i>current output</i>	4-20 mA

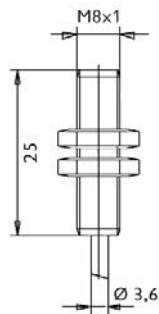
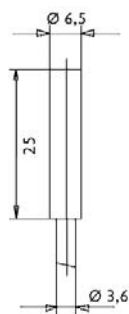
Schema <i>diagramm</i>	Ausgang <i>output</i>
14	analog
DC-18-ANVI-ST4	DC-30-ANVI-ST4

Induktive Näherungsschalter
inductive proximity switches

Induktive Näherungsschalter *inductive proximity switches*

Zylindrisch DC Namur *cylindric DC namur*

Bauform <i>dimension</i>	Ø 6,5 mm	M8
Einbauart <i>mounting</i>	bündig <i>flush</i>	
Anschluss <i>connection</i>	Kabel 2 m <i>cabl 2 m</i>	



Induktive Näherungsschalter
inductive proximity switches

Spannungsbereich Ri 1k <i>voltage range</i>	7,7 – 9,0 VDC
Aktive Fläche bedeckt <i>active area covered</i>	< 0,8 mA
Aktive Fläche frei <i>active area clear</i>	< 2,5 mA
Eigeninduktivität <i>inductance</i>	< 40 uH
Eigenkapazität <i>capacity</i>	< 10 nF
Umgebungstemperatur <i>ambient temperature</i>	-25°C ... +70°C
Schutzart <i>protection class</i>	IP 67
Reproduzierbarkeit <i>reproducibility</i>	ja <i>yes</i>
Gehäusematerial <i>casing material</i>	Messing vernickelt <i>brass nickel plated</i>
Temperaturdrift <i>temperature drift</i>	< 10 %
Reproduzierbarkeit <i>reproducibility</i>	0,01 mm

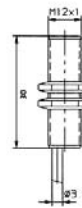
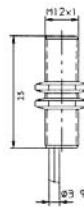
Schaltabstand <i>detection range</i>	1,5 mm
Schaltfrequenz <i>max. operating frequency</i>	5 kHz

Schema <i>diagramm</i>	Ausgang <i>output</i>
10	Namur DC-65-NA-2m DC-8-NA-2m

Induktive Näherungsschalter *inductive proximity switches*

Zylindrisch DC Namur *cylindric DC namur*

Bauform <i>dimension</i>	M12
Einbauart <i>mounting</i>	bündig <i>flush</i>
Anschluss <i>connection</i>	Kabel 2 m <i>cabl 2 m</i>



Spannungsbereich Ri 1k <i>voltage range</i>	7,7 – 9,0 VDC	
Aktive Fläche bedeckt <i>active area covered</i>	< 0,8 mA	< 1,1 mA
Aktive Fläche frei <i>active area clear</i>	< 2,5 mA	< 2,2 mA
Eigeninduktivität <i>inductance</i>	< 40 uH	
Eigenkapazität <i>capacity</i>	< 50 nF	
Umgebungstemperatur <i>ambient temperature</i>	-25°C ... +70°C	
Schutzart <i>protection class</i>	IP 67	
Reproduzierbarkeit <i>reproducibility</i>	ja <i>yes</i>	
Gehäusematerial <i>casing material</i>	Messing vernickelt <i>brass nickel plated</i>	
Temperaturdrift <i>temperature drift</i>	< 10 %	
Reproduzierbarkeit <i>reproducibility</i>	0,01 mm	
Schaltabstand <i>detection range</i>	2,0 mm	
Schaltfrequenz <i>max. operating frequency</i>	2 kHz	

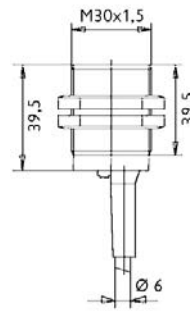
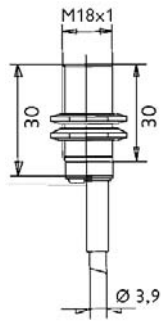
Schema <i>diagramm</i>	Ausgang <i>output</i>		
10	Namur	DCS-12-NA-2m	DC-12-NA-2m

Induktive Näherungsschalter
inductive proximity switches

Induktive Näherungsschalter *inductive proximity switches*

Zylindrisch DC Namur *cylindric DC namur*

Bauform <i>dimension</i>	M18	M30
Einbauart <i>mounting</i>	bündig <i>flush</i>	
Anschluss <i>connection</i>	Kabel 2 m <i>cable 2 m</i>	



Induktive Näherungsschalter
inductive proximity switches

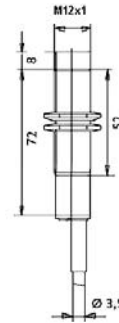
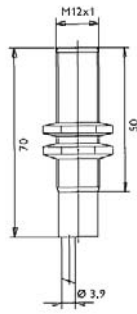
Spannungsbereich Ri 1k <i>voltage range</i>	7,7 – 9,0 VDC	
Aktive Fläche bedeckt <i>active area covered</i>	< 0,8 mA	< 1,1 mA
Aktive Fläche frei <i>active area clear</i>	< 2,5 mA	
Eigeninduktivität <i>inductance</i>	< 40 uH	< 100 uH
Eigenkapazität <i>capacity</i>	< 50 nF	< 100 nF
Umgebungstemperatur <i>ambient temperature</i>	-25°C ... +60°C	
Schutzart <i>protection class</i>		
Reproduzierbarkeit <i>reproducibility</i>	IP 67	
Gehäusematerial <i>casing material</i>	ja <i>yes</i>	
Temperaturdrift <i>temperature drift</i>	Messing vernickelt <i>brass nickel plated</i>	
Reproduzierbarkeit <i>reproducibility</i>	< 10 %	
	0,01 mm	
Schaltabstand <i>detection range</i>	5 mm	10 mm
Schaltfrequenz <i>max. operating frequency</i>	1 kHz	500 Hz

Schema <i>diagramm</i>	Ausgang <i>output</i>		
10	Namur	DC-18-NA-2m	DC-30-NA-2m

Induktive Näherungsschalter *inductive proximity switches*

Zylindrisch AC *cylindric AC*

Bauform <i>dimension</i>	M12	
Einbauart <i>mounting</i>	bündig <i>flush</i>	nicht bündig <i>non flush</i>
Anschluss <i>connection</i>	Kabel 2 m <i>cabl 2 m</i>	



Betriebsspannung <i>service voltage</i>	90 – 250 VAC	
Eigenstromaufnahme <i>internal power consumpt.</i>	< 5 mA	
Spannungsabfall <i>voltage drop</i>	< 10 V	
Schalthyserese <i>switching hysteresis</i>	< 15 %	
Reproduzierbarkeit <i>reproducibility</i>	0,01 mm	
Temperaturdrift <i>temperature drift</i>	< 10 %	
Umgebungstemperatur <i>ambient temperature</i>	-25°C ... +70°C	
Schutzart <i>protection class</i>	IP 67	
Schutzisoliert <i>isolated</i>	ja <i>yes</i>	
Gehäusematerial <i>casing material</i>	Kunststoff <i>plastic</i>	
Mindestlaststrom <i>min. load current</i>	< 20 mA	
Schaltabstand <i>detection range</i>	2,0 mm	4,0 mm
max. Laststrom <i>max. load current</i>	200 mA	
Schaltfrequenz <i>max. operating frequency</i>	25 Hz	

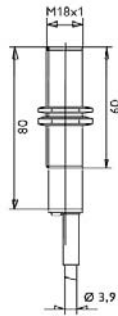
Schema <i>diagramm</i>	Ausgang <i>output</i>	
11	AC-NO	AC-12-S-2m
12	AC-NC	AC-12-O-2m
		AC-012-S-2m
		AC-012-O-2m

Induktive Näherungsschalter
inductive proximity switches

Induktive Näherungsschalter *inductive proximity switches*

Zylindrisch AC *cylindric AC*

Bauform <i>dimension</i>	M18		
Einbauart <i>mounting</i>	bündig <i>flush</i>	nicht bündig <i>non flush</i>	
Anschluss <i>connection</i>	Kabel 2 m <i>cabl 2 m</i>		



Induktive Näherungsschalter
inductive proximity switches

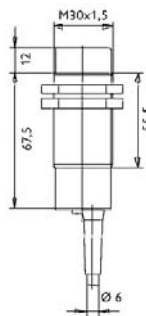
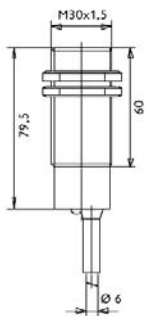
Betriebsspannung <i>service voltage</i>	90 – 250 VAC		
Eigenstromaufnahme <i>internal power consumpt.</i>	< 5 mA		
Spannungsabfall <i>voltage drop</i>	< 10 V		
Schalthyserese <i>switching hysteresis</i>	< 15 %		
Reproduzierbarkeit <i>reproducibility</i>	0,01 mm		
Temperaturdrift <i>temperature drift</i>	< 10 %		
Umgebungstemperatur <i>ambient temperature</i>	-25°C ... +70°C		
Schutzart <i>protection class</i>	IP 67		
Schutzisoliert <i>isolated</i>	ja <i>yes</i>		
Gehäusematerial <i>casing material</i>	Messing vernickelt <i>brass nickel plated</i>		
Mindestlaststrom <i>min. load current</i>	< 20 mA		
Schaltabstand <i>detection range</i>	5,0 mm	8,0 mm	
max. Laststrom <i>max. load current</i>	200 mA		
Schaltfrequenz <i>max. operating frequency</i>	25 Hz		

Schema <i>diagramm</i>	Ausgang <i>output</i>		
11	AC-NO	AC-18-S-2m	AC-018-S-2m
12	AC-NC	AC-18-O-2m	AC-018-O-2m

Induktive Näherungsschalter *inductive proximity switches*

Zylindrisch AC *cylindric AC*

Bauform <i>dimension</i>	M30
Einbauart <i>mounting</i>	bündig <i>flush</i> nicht bündig <i>non flush</i>
Anschluss <i>connection</i>	Kabel 2 m <i>cabl 2 m</i>



Betriebsspannung <i>service voltage</i>	90 – 250 VAC
Eigenstromaufnahme <i>internal power consumpt.</i>	< 5 mA
Spannungsabfall <i>voltage drop</i>	< 10 V
Schalthyserese <i>switching hysteresis</i>	< 15 %
Reproduzierbarkeit <i>reproducibility</i>	0,01 mm
Temperaturdrift <i>temperature drift</i>	< 10 %
Umgebungstemperatur <i>ambient temperature</i>	-25°C ... +70°C
Schutzart <i>protection class</i>	IP 67
Schutzisoliert <i>isolated</i>	ja <i>yes</i>
Gehäusematerial <i>casing material</i>	Messing vernickelt <i>brass nickel plated</i>
Mindestlaststrom <i>min. load current</i>	< 20 mA
Schaltabstand <i>detection range</i>	10,0 mm 15,0 mm
max. Laststrom <i>max. load current</i>	100 mA
Schaltfrequenz <i>max. operating frequency</i>	25 Hz

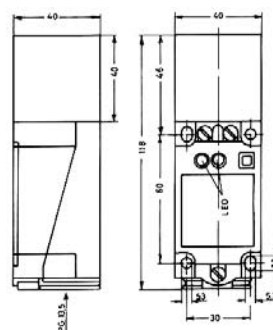
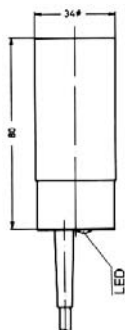
Schema <i>diagramm</i>	Ausgang <i>output</i>	
11	AC-NO	AC-30-S-2m AC-030-S-2m
12	AC-NC	AC-30-O-2m AC-030-O-2m

Induktive Näherungsschalter
inductive proximity switches

Induktive Näherungsschalter *inductive proximity switches*

Zylindrisch AC *cylindric AC*

Bauform <i>dimension</i>	Ø 34 mm	40 x 40 x 118 mm
Einbauart <i>mounting</i>	bündig <i>flush</i>	nicht bündig <i>non flush</i>
Anschluss <i>connection</i>	Kabel 2 m <i>cable 2 m</i>	Klemmraum <i>clamp terminal</i>



Induktive Näherungsschalter
inductive proximity switches

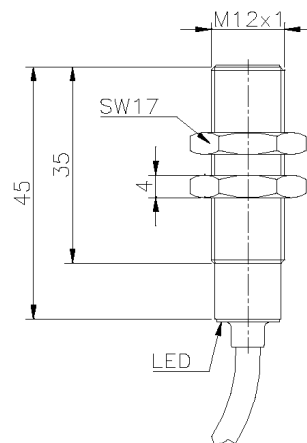
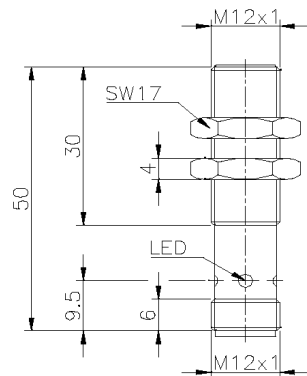
Betriebsspannung <i>service voltage</i>	90 – 250 VAC	
Eigenstromaufnahme <i>internal power consumpt.</i>	< 5 mA	
Spannungsabfall <i>voltage drop</i>	< 10 V	
Schalthyserese <i>switching hysteresis</i>	< 15 %	
Reproduzierbarkeit <i>reproducibility</i>	0,01 mm	
Temperaturdrift <i>temperature drift</i>	< 10 %	
Umgebungstemperatur <i>ambient temperature</i>	-25°C ... +70°C	
Schutzart <i>protection class</i>	IP 67	
Schutzisoliert <i>isolated</i>	ja <i>yes</i>	
Gehäusematerial <i>casing material</i>	Kunststoff <i>plastic</i>	PBT
Mindestlaststrom <i>min. load current</i>	< 20 mA	< 10 mA
Schaltabstand <i>detection range</i>	20,0 mm	30,0 mm
max. Laststrom <i>max. load current</i>	100 mA	
Schaltfrequenz <i>max. operating frequency</i>	25 Hz	

Schema <i>diagramm</i>	Ausgang <i>output</i>	
11	AC-NO	AC-034-S-2m
12	AC-NC	AC-034-O-2m
13	AC-NO/NC	–
		ACQ-40-PUK-KLR

Induktive Näherungsschalter *inductive proximity switches*

Zylindrisch DC Kunststoff *cylindric DC plastic*

Bauform <i>dimension</i>	M12		
Einbauart <i>mounting</i>	bündig <i>flush</i>		
Anschluss <i>connection</i>	Stecker M12 <i>connector M12</i>	Kabel 2 m <i>cabl 2 m</i>	



Betriebsspannung <i>service voltage</i>	10 – 30 VDC
Eigenstromaufnahme <i>internal power consumpt.</i>	< 10 mA
Spannungsabfall <i>voltage drop</i>	< 10 V
Schalthyserese <i>switching hysteresis</i>	< 15 %
Reproduzierbarkeit <i>reproducibility</i>	0,01 mm
Temperaturdrift <i>temperature drift</i>	< 10 %
Umgebungstemperatur <i>ambient temperature</i>	-25°C ... +60°C
Schutzart <i>protection class</i>	IP 67
kurzschlußfest <i>short-circuit-proof</i>	ja <i>yes</i>
Gehäusematerial <i>casing material</i>	Kunststoff <i>plastic</i>
Schaltabstand <i>detection range</i>	4,0 mm
max. Laststrom <i>max. load current</i>	400 mA
Schaltfrequenz <i>max. operating frequency</i>	800 Hz

Schema <i>diagramm</i>	Ausgang <i>output</i>		
1	PNP-NO	DCK-12-PSK-ST4	DCK-12-PSK-2m
2	PNP-NC	DCK-12-POK-ST4	DCK-12-POK-2m

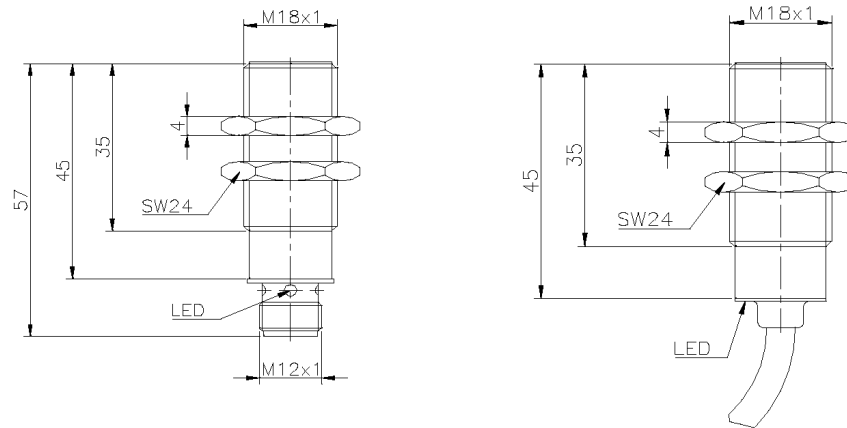


Induktive Näherungsschalter
inductive proximity switches

Induktive Näherungsschalter *inductive proximity switches*

Zylindrisch DC Kunststoff *cylindric DC plastic*

Bauform <i>dimension</i>	M18		
Einbauart <i>mounting</i>	bündig <i>flush</i>		
Anschluss <i>connection</i>	Stecker M12 <i>connector M12</i>	Kabel 2 m <i>cable 2 m</i>	



Induktive Näherungsschalter
inductive proximity switches

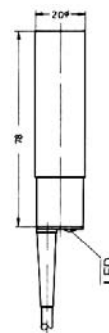
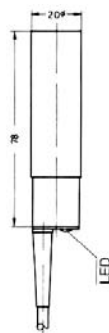
Betriebsspannung <i>service voltage</i>	10 – 30 VDC
Eigenstromaufnahme <i>internal power consumpt.</i>	< 10 mA
Spannungsabfall <i>voltage drop</i>	< 10 V
Schalthyserese <i>switching hysteresis</i>	< 15 %
Reproduzierbarkeit <i>reproducibility</i>	0,01 mm
Temperaturdrift <i>temperature drift</i>	< 10 %
Umgebungstemperatur <i>ambient temperature</i>	-25°C ... +60°C
Schutzart <i>protection class</i>	IP 67
kurzschlußfest <i>short-circuit-proof</i>	ja <i>yes</i>
Gehäusematerial <i>casing material</i>	Kunststoff <i>plastic</i>
Schaltabstand <i>detection range</i>	6,0 mm
max. Laststrom <i>max. load current</i>	400 mA
Schaltfrequenz <i>max. operating frequency</i>	500 Hz

Schema <i>diagramm</i>	Ausgang <i>output</i>		
1	PNP-NO	DCK-18-PSK-ST4	DCK-18-PSK-2m
2	PNP-NC	DCK-18-POK-ST4	DCK-18-POK-2m

Induktive Näherungsschalter *inductive proximity switches*

Zylindrisch DC Kunststoff *cylindric DC plastic*

Bauform <i>dimension</i>	Ø 20 mm	
Einbauart <i>mounting</i>	bündig <i>flush</i>	nicht bündig <i>non flush</i>
Anschluss <i>connection</i>	Kabel 2 m <i>cabl 2 m</i>	



Betriebsspannung <i>service voltage</i>	10 – 30 VDC	
Eigenstromaufnahme <i>internal power consumpt.</i>	< 10 mA	
Spannungsabfall <i>voltage drop</i>	< 2,5 V	
Schalthyserese <i>switching hysteresis</i>	< 15 %	
Reproduzierbarkeit <i>reproducibility</i>	< 1 %	
Temperaturdrift <i>temperature drift</i>	< 10 %	
Umgebungstemperatur <i>ambient temperature</i>	-25°C ... +70°C	
Schutzart <i>protection class</i>	IP 67	
kurzschlußfest <i>short-circuit-proof</i>	ja <i>yes</i>	
Gehäusematerial <i>casing material</i>	Kunststoff <i>plastic</i>	
Schaltabstand <i>detection range</i>	12,0 mm	20,0 mm
max. Laststrom <i>max. load current</i>	200 mA	
Schaltfrequenz <i>max. operating frequency</i>	300 Hz	100 Hz

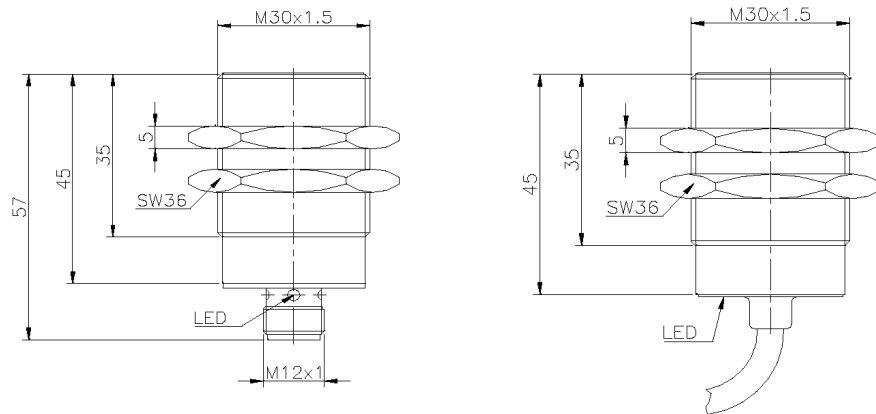
Schema <i>diagramm</i>	Ausgang <i>output</i>		
1	PNP-NO	DCK-20-PSK-2m	DCK-020-PSK-2m
2	PNP-NC	DCK-20-POK-2m	DCK-020-POK-2m
4	NPN-NO	DCK-20-NSK-2m	DCK-020-NSK-2m
5	NPN-NC	DCK-20-NOK-2m	DCK-020-NOK-2m

Induktive Näherungsschalter
inductive proximity switches

Induktive Näherungsschalter *inductive proximity switches*

Zylindrisch DC Kunststoff *cylindric DC plastic*

Bauform <i>dimension</i>	M30		
Einbauart <i>mounting</i>	bündig <i>flush</i>		
Anschluss <i>connection</i>	Stecker M12 <i>connector M12</i>	Kabel 2 m <i>cable 2 m</i>	



Induktive Näherungsschalter
inductive proximity switches

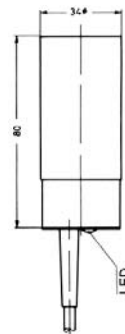
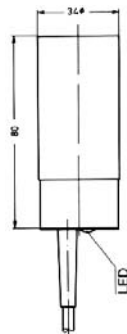
Betriebsspannung <i>service voltage</i>	10 – 30 VDC
Eigenstromaufnahme <i>internal power consumpt.</i>	< 10 mA
Spannungsabfall <i>voltage drop</i>	< 2,5 V
Schalthyserese <i>switching hysteresis</i>	< 15 %
Reproduzierbarkeit <i>reproducibility</i>	< 1 %
Temperaturdrift <i>temperature drift</i>	< 10 %
Umgebungstemperatur <i>ambient temperature</i>	-25°C ... +60°C
Schutzart <i>protection class</i>	IP 67
kurzschlußfest <i>short-circuit-proof</i>	ja <i>yes</i>
Gehäusematerial <i>casing material</i>	Kunststoff <i>plastic</i>
Schaltabstand <i>detection range</i>	10,0 mm
max. Laststrom <i>max. load current</i>	400 mA
Schaltfrequenz <i>max. operating frequency</i>	300 Hz

Schema <i>diagramm</i>	Ausgang <i>output</i>		
1	PNP-NO	DCK-30-PSK-ST4	DCK-30-PSK-2m
2	PNP-NC	DCK-30-POK-ST4	DCK-30-POK-2m
4	NPN-NO	DCK-30-NSK-ST4	DCK-30-NSK-2m
5	NPN-NC	DCK-30-NOK-ST4	DCK-30-NOK-2m

Induktive Näherungsschalter *inductive proximity switches*

Zylindrisch DC Kunststoff *cylindric DC plastic*

Bauform <i>dimension</i>	Ø 34 mm	
Einbauart <i>mounting</i>	bündig <i>flush</i>	nicht bündig <i>non flush</i>
Anschluss <i>connection</i>	Kabel 2 m <i>cabl 2 m</i>	



Betriebsspannung <i>service voltage</i>	10 – 30 VDC	
Eigenstromaufnahme <i>internal power consumpt.</i>	< 10 mA	
Spannungsabfall <i>voltage drop</i>	< 2,5 V	
Schalthyserese <i>switching hysteresis</i>	< 15 %	
Reproduzierbarkeit <i>reproducibility</i>	< 1 %	
Temperaturdrift <i>temperature drift</i>	< 10 %	
Umgebungstemperatur <i>ambient temperature</i>	-25°C ... +70°C	
Schutzart <i>protection class</i>	IP 67	
kurzschlußfest <i>short-circuit-proof</i>	ja <i>yes</i>	
Gehäusematerial <i>casing material</i>	Kunststoff <i>plastic</i>	
Schaltabstand <i>detection range</i>	22,0 mm	40,0 mm
max. Laststrom <i>max. load current</i>	200 mA	
Schaltfrequenz <i>max. operating frequency</i>	300 Hz	100 Hz

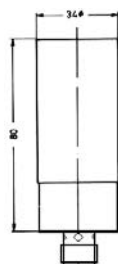
Schema <i>diagramm</i>	Ausgang <i>output</i>		
1	PNP-NO	DCK-34-PSK-2m	DCK-034-PSK-2m
2	PNP-NC	DCK-34-POK-2m	DCK-034-POK-2m
4	NPN-NO	DCK-34-NSK-2m	DCK-034-NSK-2m
5	NPN-NC	DCK-34-NOK-2m	DCK-034-NOK-2m

Induktive Näherungsschalter
inductive proximity switches

Induktive Näherungsschalter *inductive proximity switches*

Zylindrisch DC Kunststoff *cylindric DC plastic*

Bauform <i>dimension</i>	Ø 34 mm
Einbauart <i>mounting</i>	nicht bündig <i>non flush</i>
Anschluss <i>connection</i>	Stecker M12 <i>connector M12</i>



Induktive Näherungsschalter
inductive proximity switches

Betriebsspannung <i>service voltage</i>	10 – 30 VDC
Eigenstromaufnahme <i>internal power consumpt.</i>	< 10 mA
Spannungsabfall <i>voltage drop</i>	< 2,5 V
Schalthyserese <i>switching hysteresis</i>	< 15 %
Reproduzierbarkeit <i>reproducibility</i>	< 1 %
Temperaturdrift <i>temperature drift</i>	< 10 %
Umgebungstemperatur <i>ambient temperature</i>	-25°C ... +70°C
Schutzart <i>protection class</i>	IP 67
kurzschlußfest <i>short-circuit-proof</i>	ja <i>yes</i>
Gehäusematerial <i>casing material</i>	Kunststoff <i>plastic</i>

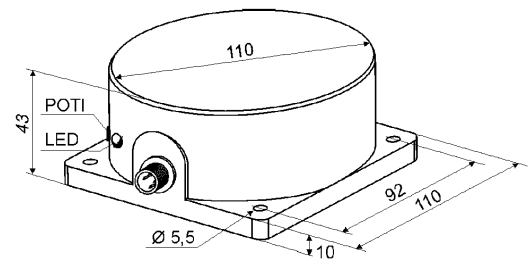
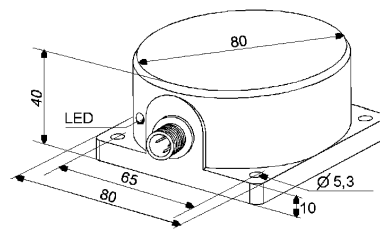
Schaltabstand <i>detection range</i>	40,0 mm
max. Laststrom <i>max. load current</i>	200 mA
Schaltfrequenz <i>max. operating frequency</i>	100 Hz

Schema <i>diagramm</i>	Ausgang <i>output</i>	
1	PNP-NO	DCK-034-PSK-ST4
2	PNP-NC	DCK-034-POK-ST4
4	NPN-NO	DCK-034-NSK-ST4
5	NPN-NC	DCK-034-NOK-ST4

Induktive Näherungsschalter *inductive proximity switches*

Zylindrisch DC Kunststoff *cylindric DC plastic*

Bauform <i>dimension</i>	Ø 80 mm	Ø 110 mm
Einbauart <i>mounting</i>	nicht bündig <i>non flush</i>	
Anschluss <i>connection</i>	Stecker M12 <i>connector M12</i>	



Betriebsspannung <i>service voltage</i>	10 – 55 VDC	
Eigenstromaufnahme <i>internal power consumpt.</i>	< 10 mA	
Spannungsabfall <i>voltage drop</i>	< 2,5 V	
Schalthyserese <i>switching hysteresis</i>	< 15 %	
Reproduzierbarkeit <i>reproducibility</i>	< 1 %	
Temperaturdrift <i>temperature drift</i>	< 10 %	
Umgebungstemperatur <i>ambient temperature</i>	-25°C ... +70°C	
Schutzart <i>protection class</i>	IP 67	
kurzschlußfest <i>short-circuit-proof</i>	ja <i>yes</i>	
Gehäusematerial <i>casing material</i>	Kunststoff <i>plastic</i>	
Schaltabstand <i>detection range</i>	60,0 mm	70,0 mm
max. Laststrom <i>max. load current</i>	400 mA	
Schaltfrequenz <i>max. operating frequency</i>	30 Hz	

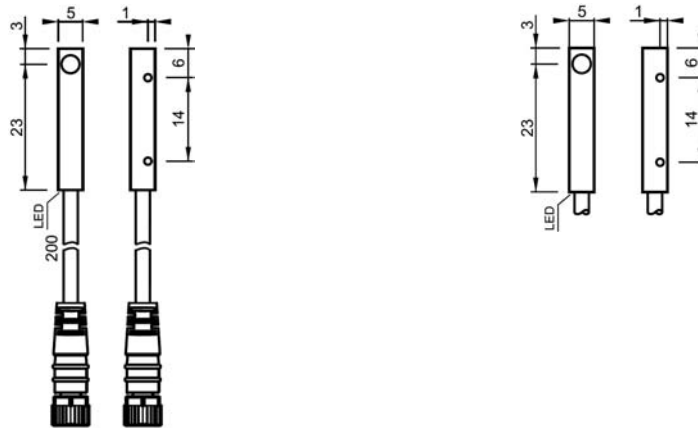
Schema <i>diagramm</i>	Ausgang <i>output</i>		
1	PNP-NO	DCK-080-PSK-ST4	DCK-0110-PSK-ST4

Induktive Näherungsschalter
inductive proximity switches

Induktive Näherungsschalter *inductive proximity switches*

Rechteckig DC *cuboid DC*

Bauform <i>dimension</i>	5 x 5 mm	
Einbauart <i>mounting</i>	bündig <i>flush</i>	
Anschluss <i>connection</i>	300 mm Kabel / Stecker M8 schraubbar <i>300 mm cable / connector M8 screwable</i>	Kabel 2 m <i>cable 2 m</i>



Induktive Näherungsschalter
inductive proximity switches

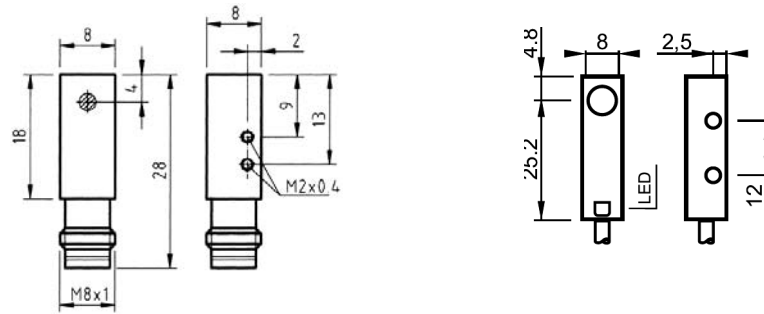
Betriebsspannung <i>service voltage</i>	5 – 36 VDC
Eigenstromaufnahme <i>internal power consumpt.</i>	< 10 mA
Spannungsabfall <i>voltage drop</i>	< 2 V
Schalthyserese <i>switching hysteresis</i>	< 15 %
Reproduzierbarkeit <i>reproducibility</i>	< 1 %
Temperaturdrift <i>temperature drift</i>	< 10 %
Umgebungstemperatur <i>ambient temperature</i>	-25°C ... +70°C
Schutzart <i>protection class</i>	IP 67
kurzschlußfest <i>short-circuit-proof</i>	ja <i>yes</i>
Gehäusematerial <i>casing material</i>	Messing vernickelt <i>brass nickel plated</i>
Schaltabstand <i>detection range</i>	0,8 mm
max. Laststrom <i>max. load current</i>	200 mA
Schaltfrequenz <i>max. operating frequency</i>	2 kHz

Schema <i>diagramm</i>	Ausgang <i>output</i>		
1	PNP-NO	DCQ-5-PSK-KST3	DCQ-5-PSK-2m
2	PNP-NC	DCQ-5-POK-KST3	DCQ-5-POK-2m
4	NPN-NO	DCQ-5-NSK-KST3	DCQ-5-NSK-2m
5	NPN-NC	DCQ-5-NSK-KST3	DCQ-5-NOK-2m

Induktive Näherungsschalter *inductive proximity switches*

Rechteckig DC *cuboid DC*

Bauform <i>dimension</i>	8 x 8 mm		
Einbauart <i>mounting</i>	bündig <i>flush</i>		
Anschluss <i>connection</i>	Stecker M8 <i>connector M8</i>	Kabel 2 m <i>cable 2 m</i>	



Betriebsspannung <i>service voltage</i>	5 – 36 VDC					
Eigenstromaufnahme <i>internal power consumpt.</i>	< 10 mA					
Spannungsabfall <i>voltage drop</i>	< 2 V					
Schalthyserese <i>switching hysteresis</i>	< 15 %					
Reproduzierbarkeit <i>reproducibility</i>	< 1 %					
Temperaturdrift <i>temperature drift</i>	< 10 %					
Umgebungstemperatur <i>ambient temperature</i>	-25°C ... +70°C					
Schutzart <i>protection class</i>	IP 67					
kurzschlußfest <i>short-circuit-proof</i>	ja <i>yes</i>					
Gehäusematerial <i>casing material</i>	Messing vernickelt <i>brass nickel plated</i>					
Schaltabstand <i>detection range</i>	1,5 mm	2 mm	3 mm	1,5 mm	2 mm	3 mm
max. Laststrom <i>max. load current</i>	200 mA					
Schaltfrequenz <i>max. operating frequency</i>	2 kHz					

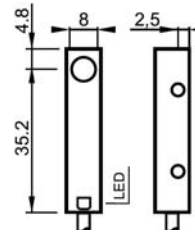
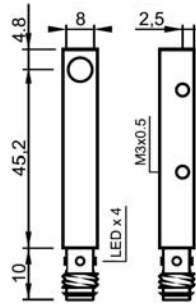
Schema <i>diagramm</i>	Ausgang <i>output</i>						
1	PNP-NO	DCQS-8-PSK-ST3	DCDQS-8-PSK-ST3	DCTQS-8-PSK-ST3	DCQS-8-PSK-2m	DCDQS-8-PSK-2m	DCTQS-8-PSK-2m
2	PNP-NC	DCQS-8-POK-ST3	DCDQS-8-POK-ST3	DCTQS-8-POK-ST3	DCQS-8-POK-2m	DCDQS-8-POK-2m	DCTQS-8-POK-2m
4	NPN-NO	DCQS-8-NSK-ST3	DCDQS-8-NSK-ST3	DCTQS-8-NSK-ST3	DCQS-8-NSK-2m	DCDQS-8-NSK-2m	DCTQS-8-NSK-2m
5	NPN-NC	DCQS-8-NOK-ST3	DCDQS-8-NOK-ST3	DCTQS-8-NOK-ST3	DCQS-8-NOK-2m	DCDQS-8-NOK-2m	DCTQS-8-NOK-2m

Induktive Näherungsschalter
inductive proximity switches

Induktive Näherungsschalter *inductive proximity switches*

Rechteckig DC *cuboid DC*

Bauform <i>dimension</i>	8 x 8 mm		
Einbauart <i>mounting</i>	bündig <i>flush</i>		
Anschluss <i>connection</i>	Stecker M8 <i>connector M8</i>	Kabel 2 m <i>cable 2 m</i>	



Induktive Näherungsschalter
inductive proximity switches

Betriebsspannung <i>service voltage</i>	10 – 35 VDC		
Eigenstromaufnahme <i>internal power consumpt.</i>	< 10 mA		
Spannungsabfall <i>voltage drop</i>	< 2 V		
Schalthyserese <i>switching hysteresis</i>	< 15 %		
Reproduzierbarkeit <i>reproducibility</i>	< 1 %		
Temperaturdrift <i>temperature drift</i>	< 10 %		
Umgebungstemperatur <i>ambient temperature</i>	-25°C ... +70°C		
Schutzart <i>protection class</i>	IP 67		
kurzschlußfest <i>short-circuit-proof</i>	ja <i>yes</i>		
Gehäusematerial <i>casing material</i>	Messing vernickelt <i>brass nickel plated</i>		

Schaltabstand <i>detection range</i>	1,5 mm	2 mm	1,5 mm	2 mm
max. Laststrom <i>max. load current</i>	200 mA			
Schaltfrequenz <i>max. operating frequency</i>	2 kHz			

Schema <i>diagramm</i>	Ausgang <i>output</i>				
1	PNP-NO	DCQ-8-PSK-ST3	DCQ-8-PSK-ST3	DCQ-8-PSK-2m	DCQ-8-PSK-2m
2	PNP-NC	DCQ-8-POK-ST3	DCQ-8-POK-ST3	DCQ-8-POK-2m	DCQ-8-POK-2m
4	NPN-NO	DCQ-8-NSK-ST3	DCQ-8-NSK-ST3	DCQ-8-NSK-2m	DCQ-8-NSK-2m
5	NPN-NC	DCQ-8-NSK-ST3	DCQ-8-NSK-ST3	DCQ-8-NOK-2m	DCQ-8-NOK-2m

Induktive Näherungsschalter *inductive proximity switches*

Rechteckig DC *cuboid DC*

Bauform <i>dimension</i>	28 x 10 x 16 mm			
Einbauart <i>mounting</i>	bündig <i>flush</i>	nicht bündig <i>non flush</i>	bündig <i>flush</i>	nicht bündig <i>non flush</i>
Anschluss <i>connection</i>	Stecker M8 <i>connector M8</i>		Kabel 2 m <i>cabl 2 m</i>	



Betriebsspannung <i>service voltage</i>	10 – 30 VDC			
Eigenstromaufnahme <i>internal power consumpt.</i>	< 10 mA			
Spannungsabfall <i>voltage drop</i>	< 2 V			
Schalthyserese <i>switching hysteresis</i>	< 15 %			
Reproduzierbarkeit <i>reproducibility</i>	< 1 %			
Temperaturdrift <i>temperature drift</i>	< 10 %			
Umgebungstemperatur <i>ambient temperature</i>	-25°C ... +70°C			
Schutzart <i>protection class</i>	IP 67			
kurzschlußfest <i>short-circuit-proof</i>	ja <i>yes</i>			
Gehäusematerial <i>casing material</i>	Kunststoff <i>plastic</i>			
Schaltabstand <i>detection range</i>	2 mm	4 mm	2 mm	4 mm
max. Laststrom <i>max. load current</i>	200 mA			
Schaltfrequenz <i>max. operating frequency</i>	800 Hz			

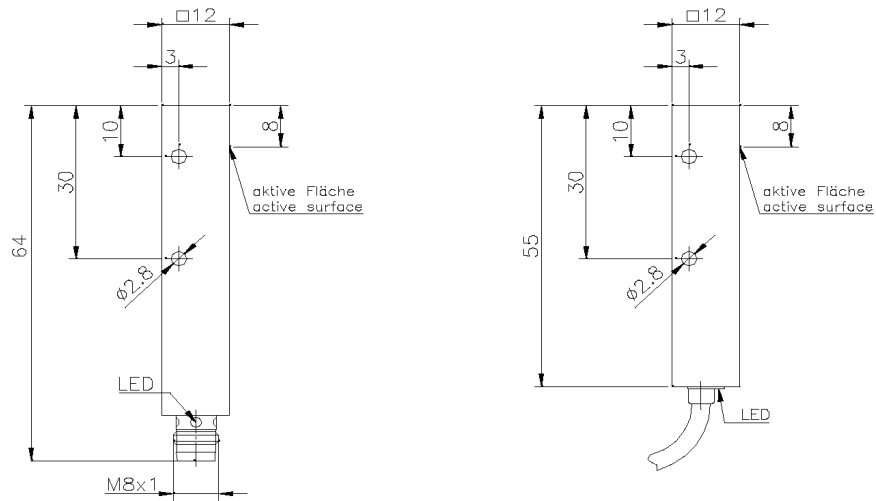
Schema <i>diagramm</i>	Ausgang <i>output</i>				
1	PNP-NO	DCQ-10-PSK-ST3	DCQ-010-PSK-ST3	DCQ-10-PSK-2m	DCQ-010-PSK-2m
2	PNP-NC	DCQ-10-POK-ST3	DCQ-010-POK-ST3	DCQ-10-POK-2m	DCQ-010-POK-2m
4	NPN-NO	DCQ-10-NSK-ST3	DCQ-010-NSK-ST3	DCQ-10-NSK-2m	DCQ-010-NSK-2m
5	NPN-NC	DCQ-10-NOK-ST3	DCQ-010-NOK-ST3	DCQ-10-NOK-2m	DCQ-010-NOK-2m

Induktive Näherungsschalter
inductive proximity switches

Induktive Näherungsschalter *inductive proximity switches*

Rechteckig DC *cuboid DC*

Bauform <i>dimension</i>	12 x 12 x 55 mm		
Einbauart <i>mounting</i>	bündig <i>flush</i>		
Anschluss <i>connection</i>	Stecker M8 <i>connector M8</i>	Kabel 2 m <i>cable 2 m</i>	



Induktive Näherungsschalter
inductive proximity switches

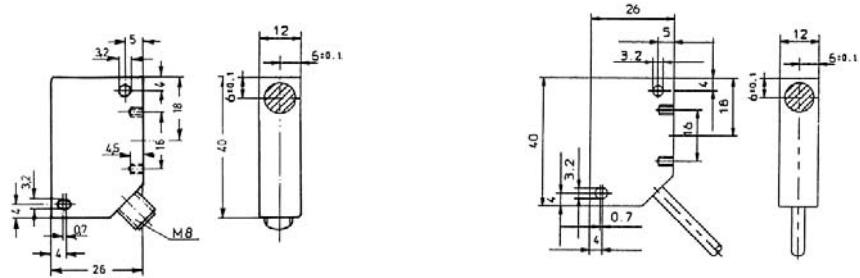
Betriebsspannung <i>service voltage</i>	10 – 30 VDC
Eigenstromaufnahme <i>internal power consumpt.</i>	< 10 mA
Spannungsabfall <i>voltage drop</i>	< 2 V
Schalthyserese <i>switching hysteresis</i>	< 15 %
Reproduzierbarkeit <i>reproducibility</i>	< 1 %
Temperaturdrift <i>temperature drift</i>	< 10 %
Umgebungstemperatur <i>ambient temperature</i>	-25°C ... +70°C
Schutzart <i>protection class</i>	IP 67
kurzschlußfest <i>short-circuit-proof</i>	ja <i>yes</i>
Gehäusematerial <i>casing material</i>	Aluminium <i>aluminium</i>
Schaltabstand <i>detection range</i>	4 mm
max. Laststrom <i>max. load current</i>	200 mA
Schaltfrequenz <i>max. operating frequency</i>	800 Hz

Schema <i>diagramm</i>	Ausgang <i>output</i>		
1	PNP-NO	DCQ-12-PSK-ST3	DCQ-12-PSK-2m
2	PNP-NC	DCQ-12-POK-ST3	DCQ-12-POK-2m

Induktive Näherungsschalter *inductive proximity switches*

Rechteckig DC *cuboid DC*

Bauform <i>dimension</i>	12 x 26 x 40 mm			
Einbauart <i>mounting</i>	bündig <i>flush</i>	nicht bündig <i>non flush</i>	bündig <i>flush</i>	nicht bündig <i>non flush</i>
Anschluss <i>connection</i>	Stecker M8 <i>connector M8</i>		Kabel 2 m <i>cabl 2 m</i>	



Betriebsspannung <i>service voltage</i>	10 – 35 VDC			
Eigenstromaufnahme <i>internal power consumpt.</i>	< 10 mA			
Spannungsabfall <i>voltage drop</i>	< 2 V			
Schalthyserese <i>switching hysteresis</i>	< 15 %			
Reproduzierbarkeit <i>reproducibility</i>	< 1 %			
Temperaturdrift <i>temperature drift</i>	< 10 %			
Umgebungstemperatur <i>ambient temperature</i>	-25°C ... +70°C			
Schutzart <i>protection class</i>	IP 67			
kurzschlußfest <i>short-circuit-proof</i>	ja <i>yes</i>			
Gehäusematerial <i>casing material</i>	Kunststoff <i>plastic</i>			
Schaltabstand <i>detection range</i>	2 mm	4 mm	2 mm	4 mm
max. Laststrom <i>max. load current</i>	300 mA			
Schaltfrequenz <i>max. operating frequency</i>	2 kHz	1 kHz	2 kHz	1 kHz

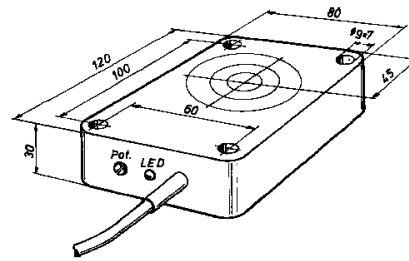
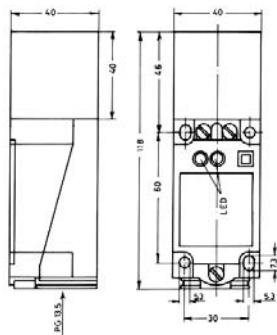
Schema <i>diagramm</i>	Ausgang <i>output</i>				
1	PNP-NO	DCQ-30-PSK-ST3	DCQ-030-PSK-ST3	DCQ-30-PSK-2m	DCQ-030-PSK-2m
2	PNP-NC	DCQ-30-POK-ST3	DCQ-030-POK-ST3	DCQ-30-POK-2m	DCQ-030-POK-2m
4	NPN-NO	DCQ-30-NSK-ST3	DCQ-030-NSK-ST3	DCQ-30-NSK-2m	DCQ-030-NSK-2m
5	NPN-NC	DCQ-30-NOK-ST3	DCQ-030-NOK-ST3	DCQ-30-NOK-2m	DCQ-030-NOK-2m

Induktive Näherungsschalter
inductive proximity switches

Induktive Näherungsschalter *inductive proximity switches*

Rechteckig DC *cuboid DC*

Bauform <i>dimension</i>	40 x 40 x 118 mm	80 x 30 x 120 mm
Einbauart <i>mounting</i>	bündig <i>flush</i>	nicht bündig <i>non flush</i>
Anschluss <i>connection</i>	Klemmraum <i>clamp terminal</i>	Kabel 2 m <i>cabl 2 m</i>



Induktive Näherungsschalter
inductive proximity switches

Betriebsspannung <i>service voltage</i>	10 – 35 VDC	10 – 80 VDC
Eigenstromaufnahme <i>internal power consumpt.</i>	< 1,5 mA	< 10 mA
Spannungsabfall <i>voltage drop</i>	< 5,5 V	< 2 V
Schalthyserese <i>switching hysteresis</i>	< 10 %	< 15 %
Reproduzierbarkeit <i>reproducibility</i>	< 1 %	
Temperaturdrift <i>temperature drift</i>	< 5 %	<10%
Umgebungstemperatur <i>ambient temperature</i>	0°C ... +50°C	-25°C ... +70°C
Schutzart <i>protection class</i>	IP 67	
kurzschlußfest <i>short-circuit-proof</i>	ja <i>yes</i>	
Gehäusematerial <i>casing material</i>	Kunststoff <i>plastic</i>	
Schaltabstand <i>detection range</i>	20 mm	50 mm
max. Laststrom <i>max. load current</i>	200 mA	400 mA
Schaltfrequenz <i>max. operating frequency</i>	25 Hz	100 Hz

Schema *diagramm* Ausgang *output*

1	PNP-NO	–	DCQ-80-PSK-2m
3	PNP-NO/NC	DCQ-40-PUK-KLR	–