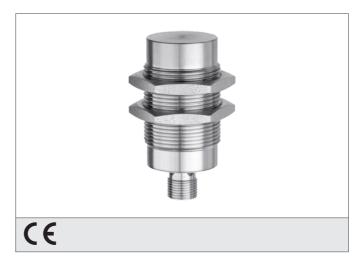
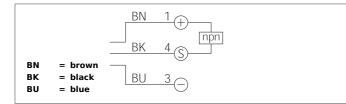
DCC 30 VL 40 NOK-IBSL Inductive Proximity Switch



- For food industry
- For seawater applications
- Large sensing range to steel and aluminium
- One-piece stainless steel housing
- Protection class IP 68 and IP 69K
- Metal plug
- Integrated amplifier
- Short-circuit protection
- Starting pulse suppression
- LED

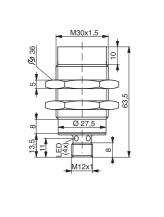




Safety instructions

The Instruments are not to be used for safety applications, in particular applications in which safety of persons depends on proper operation of the instruments.

These instruments shall exclusively be used by qualified personnel.



Operating principleInductiveEvaluationdigitalSizeM30 x 1,5 (thread)DesignscrewMountingnon-flushCharacteristicsextremely high operating distance, up to 40 bar, All stainless steel housingOperating distance40 mmStandardized measuring plate120 x 120 x 1 mmStardardized measuring plate<10 mASwitching outputnnp, 200 mA, NCSwitching hysteresis<15 %Voltage drop<2,0 VSwitching frequency100 HzAmbient temperature<25 +85 °CInsulation voltage enduranceP68, IP 69KCasing materialstainless field (14435 / AISI 316L)ConnectionConnector, M12, 4-poled	TECHNICAL INFORMATION (typ.)	+20°C, 24V DC
SizeM3 x 1,5 (thread)DesignscrewMountingnon-flushCharacteristicsextremely high operating distance, up to 40 bar, All stainless steel housingOperating distance40 mmStandardized measuring plate120 x 120 x 1 mmService voltage10 30 V DCInternal power consumption< 10 mA	Operating principle	Inductive
DesignscrewMountingnon-flushCharacteristicsextremely high operating distance, up to 40 bar, All stainless steel housingOperating distance40 mmStandardized measuring plate120 x 120 x 1 mmService voltage10 30 V DCInternal power consumption< 10 mA	Evaluation	digital
Non-findnon-flushCharacteristicsextremely high operating distance, up to 40 bar, All stainless steel housingOperating distance40 mmStandardized measuring plate120 x 120 x 1 mmService voltage10 30 V DCInternal power consumption< 10 mA	Size	M30 x 1,5 (thread)
Characteristicsextremely high operating distance, up to 40 bar, All stainless steel housingOperating distance40 mmStandardized measuring plate120 x 120 x 1 mmService voltage10 30 V DCInternal power consumption< 10 mA	Design	screw
steel housingOperating distance40 mmStandardized measuring plate120 x 120 x 1 mmService voltage10 30 V DCInternal power consumption< 10 mA	Mounting	non-flush
Standardized measuring plate120 x 120 x 1 mmService voltage10 30 V DCInternal power consumption< 10 mA	Characteristics	
Service voltage10 30 V DCInternal power consumption< 10 mA	Operating distance	40 mm
Internal power consumption< 10 mASwitching outputnpn, 200 mA, NCSwitching hysteresis< 15 %	Standardized measuring plate	120 x 120 x 1 mm
Switching outputnpn, 200 mA, NCSwitching hysteresis< 15 %	Service voltage	10 30 V DC
Switching hysteresis< 15 %Voltage drop< 2,0 V	Internal power consumption	< 10 mA
Voltage drop< 2,0 VSwitching frequency100 HzAmbient temperature-25 +85 °CInsulation voltage endurance500 VProtection classIP 68, IP 69KCasing materialstainless steel (1.4435 / AISI 316L)	Switching output	npn, 200 mA, NC
Switching frequency100 HzAmbient temperature-25 +85 °CInsulation voltage endurance500 VProtection classIP 68, IP 69KCasing materialstainless steel (1.4435 / AISI 316L)	Switching hysteresis	< 15 %
Ambient temperature-25 +85 °CInsulation voltage endurance500 VProtection classIP 68, IP 69KCasing materialstainless steel (1.4435 / AISI 316L)	Voltage drop	< 2,0 V
Insulation voltage endurance500 VProtection classIP 68, IP 69KCasing materialstainless steel (1.4435 / AISI 316L)	Switching frequency	100 Hz
Protection classIP 68, IP 69KCasing materialstainless steel (1.4435 / AISI 316L)	Ambient temperature	-25 +85 °C
Casing material stainless steel (1.4435 / AISI 316L)	Insulation voltage endurance	500 V
	Protection class	IP 68, IP 69K
Connection Connector, M12, 4-poled	Casing material	stainless steel (1.4435 / AISI 316L)
	Connection	Connector, M12, 4-poled