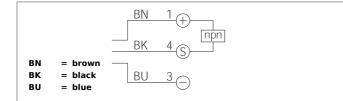
DCC 05 V 2.5 NOK-TSL Inductive Proximity Switch



- Metal plug
- Integrated amplifier
- Short-circuit protection
- Starting pulse suppression
- LED

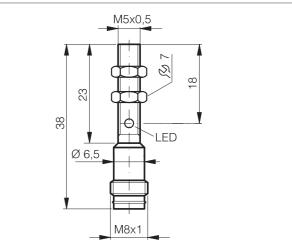




Safety instructions

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 principleInductiveEvaluationdigitalSizeM5 x 0,5 (thread)DesignscrewMountingflushCharacteristicsextremely high operating distanceOperating distance2,5 mmStandardized measuring plate7,5 x 7,5 x 1 mmService voltage10 30 V DCInternal power consumption< 10 mASwitching outputnpn, 200 mA, NCSwitching frequency800 HzAmbient temperature-25 +70 °CInsulation voltage endurance500 VProtection classIP 67Casing materialstainless steel	TECHNICAL INFORMATION (typ.)	+20°C, 24V DC
SizeM5 x 0,5 (thread)DesignscrewMountingflushCharacteristicsextremely high operating distanceOperating distance2,5 mmStandardized measuring plate7,5 x 7,5 x 1 mmService voltage10 30 V DCInternal power consumption< 10 mA	Operating principle	Inductive
DesignscrewMountingflushCharacteristicsextremely high operating distanceOperating distance2,5 mmStandardized measuring plate7,5 x 7,5 x 1 mmService voltage10 30 V DCInternal power consumption< 10 mA	Evaluation	digital
MountingflushCharacteristicsextremely high operating distanceOperating distance2,5 mmStandardized measuring plate7,5 x 7,5 x 1 mmService voltage10 30 V DCInternal power consumption< 10 mA	Size	M5 x 0,5 (thread)
Characteristicsextremely high operating distanceOperating distance2,5 mmStandardized measuring plate7,5 x 7,5 x 1 mmService voltage10 30 V DCInternal power consumption< 10 mA	Design	screw
Operating distance2,5 mmStandardized measuring plate7,5 x 7,5 x 1 mmService voltage10 30 V DCInternal power consumption< 10 mA	Mounting	flush
Standardized measuring plate7,5 x 7,5 x 1 mmService voltage10 30 V DCInternal power consumption< 10 mA	Characteristics	extremely high operating distance
Service voltage10 30 V DCInternal power consumption< 10 mA	Operating distance	2,5 mm
Internal power consumption< 10 mASwitching outputnpn, 200 mA, NCSwitching hysteresis< 10 %	Standardized measuring plate	7,5 x 7,5 x 1 mm
Switching outputnpn, 200 mA, NCSwitching hysteresis< 10 %	Service voltage	10 30 V DC
Switching hysteresis< 10 %Voltage drop< 2,0 V	Internal power consumption	< 10 mA
Voltage drop< 2,0 VSwitching frequency800 HzAmbient temperature-25 +70 °CInsulation voltage endurance500 VProtection classIP 67	Switching output	npn, 200 mA, NC
Switching frequency800 HzAmbient temperature-25 +70 °CInsulation voltage endurance500 VProtection classIP 67	Switching hysteresis	< 10 %
Ambient temperature-25 +70 °CInsulation voltage endurance500 VProtection classIP 67	Voltage drop	< 2,0 V
Insulation voltage endurance 500 V Protection class IP 67	Switching frequency	800 Hz
Protection class IP 67	Ambient temperature	-25 +70 °C
	Insulation voltage endurance	500 V
Casing material stainless steel	Protection class	IP 67
	Casing material	stainless steel
Connection Connector, M8, 3-poled	Connection	Connector, M8, 3-poled
Connecting cable TK	Connecting cable	ТК