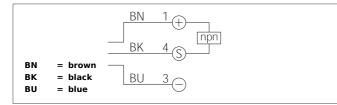
DCC 12 VL 10 NSLK **Inductive Proximity Switch**



- 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
- Connecting cable made of TPE-S
- Integrated amplifier
- Short-circuit protection
- Starting pulse suppression
- LED

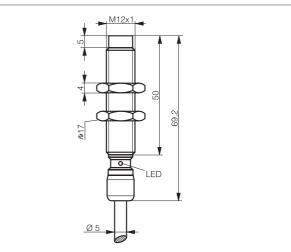




Safety instructions

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 principleInductiveEvaluationdigitalSizeM12 x 1 (thread)DesignscrewMountingnon-flushCharacteristicsextremely high operating distance, up to 80 bar, All stainless steel housingOperating distance10 mmStandardized measuring plate30 x 30 x 1 mmService voltage10 30 V DCNo-load current< 10 mASwitching outputnpn, 200 mA, NOSwitching hysteresis< 15 %Shock-/vibration load10 55 Hz / 1,0 mm / 30 gVoltage drop< 2,0 VSwitching frequency400 HzAmbient temperature, operation-25 +85 °CInsulation voltage endurance500 VProtection classIP 68, IP 69K	TECHNICAL INFORMATION (typ.)	+20°C, 24V DC
SizeM12 x 1 (thread)DesignscrewMountingnon-flushCharacteristicsextremely high operating distance, up to 80 bar, All stainless steel housingOperating distance10 mmStandardized measuring plate30 x 30 x 1 mmService voltage10 30 V DCNo-load current< 10 mA	Operating principle	Inductive
DesignscrewMountingnon-flushCharacteristicsextremely high operating distance, up to 80 bar, All stainless steel housingOperating distance10 mmStandardized measuring plate30 x 30 x 1 mmService voltage10 30 V DCNo-load current< 10 mA	Evaluation	digital
Mountingnon-flushCharacteristicsextremely high operating distance, up to 80 bar, All stainless steel housingOperating distance10 mmStandardized measuring plate30 x 30 x 1 mmService voltage10 30 V DCNo-load current< 10 mA	Size	M12 x 1 (thread)
Characteristicsextremely high operating distance, up to 80 bar, All stainless steel housingOperating distance10 mmStandardized measuring plate30 x 30 x 1 mmService voltage10 30 V DCNo-load current< 10 mA	Design	screw
steel housingOperating distance10 mmStandardized measuring plate30 x 30 x 1 mmService voltage10 30 V DCNo-load current< 10 mA	Mounting	non-flush
Standardized measuring plate30 x 30 x 1 mmService voltage10 30 V DCNo-load current< 10 mA	Characteristics	
Service voltage10 30 V DCNo-load current< 10 mA	Operating distance	10 mm
No-load current< 10 mASwitching outputnpn, 200 mA, NOSwitching hysteresis< 15 %	Standardized measuring plate	30 x 30 x 1 mm
Switching outputnpn, 200 mA, NOSwitching hysteresis< 15 %	Service voltage	10 30 V DC
Switching hysteresis< 15 %Shock-/vibration load10 55 Hz / 1,0 mm / 30 gVoltage drop< 2,0 V	No-load current	< 10 mA
Shock-/vibration load10 55 Hz / 1,0 mm / 30 gVoltage drop< 2,0 V	Switching output	npn, 200 mA, NO
Voltage drop< 2,0 VSwitching frequency400 HzAmbient temperature, operation-25 +85 °CInsulation voltage endurance500 VProtection classIP 68, IP 69K	Switching hysteresis	< 15 %
Switching frequency400 HzAmbient temperature, operation-25 +85 °CInsulation voltage endurance500 VProtection classIP 68, IP 69K	Shock-/vibration load	10 55 Hz / 1,0 mm / 30 g
Ambient temperature, operation-25 +85 °CInsulation voltage endurance500 VProtection classIP 68, IP 69K	Voltage drop	< 2,0 V
Insulation voltage endurance 500 V Protection class IP 68, IP 69K	Switching frequency	400 Hz
Protection class IP 68, IP 69K	Ambient temperature, operation	-25 +85 °C
	Insulation voltage endurance	500 V
	Protection class	IP 68, IP 69K
Casing material stainless steel (1.4435 / AISI 316L)	Casing material	stainless steel (1.4435 / AISI 316L)
Material TPE-S (Cable)	Material	TPE-S (Cable)
Connection Cable, 2,0 m	Connection	Cable, 2,0 m