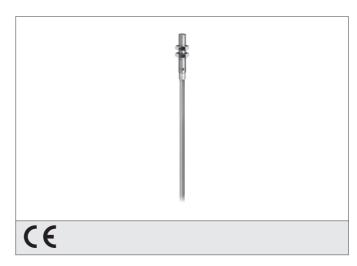
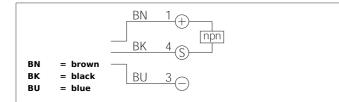
DCC 04 V 1.0 NSLK Inductive Proximity Switch



- Cable, highly flexible
- Integrated amplifier
- Short-circuit protection
- Starting pulse suppression
- LED

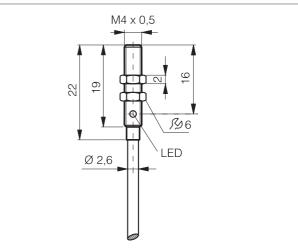




Safety instructions

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 principleInductiveEvaluationdigitalSizeM4 x 0,5 (thread)DesignscrewMountingflushCharacteristicsincreased operating distanceOperating distance1 mmStandardized measuring plate4 x 4 x 1 mmService voltage10 30 V DCNo-load current< 10 mASwitching outputnpn, 100 mA, NOSwitching hysteresis5 %Shock-/vibration load10 55 Hz / 1,0 mm / 30 gVoltage drop< 2,0 VSwitching frequency3000 HzAmbient temperature, operation-25 +70 °CInsulation voltage endurance500 VProtection classIP 67Casing materialBulkes steelMaterialPIIB (Cable)	TECHNICAL INFORMATION (typ.)	+20°C, 24V DC
SizeM4 x 0,5 (thread)DesignscrewMountingflushCharacteristicsincreased operating distanceOperating distance1 mmStandardized measuring plate4 x 4 x 1 mmService voltage10 30 V DCNo-load current< 10 mA	Operating principle	Inductive
DesignscrewMountingflushCharacteristicsincreased operating distanceOperating distance1 mmStandardized measuring plate4 x 4 x 1 mmService voltage10 30 V DCNo-load current< 10 mA	Evaluation	digital
MountingflushCharacteristicsincreased operating distanceOperating distance1 mmStandardized measuring plate4 x 4 x 1 mmService voltage10 30 V DCNo-load current< 10 mA	Size	M4 x 0,5 (thread)
Characteristicsincreased operating distanceOperating distance1 mmStandardized measuring plate4 x 4 x 1 mmService voltage10 30 V DCNo-load current<10 mA	Design	screw
Operating distance1 mmStandardized measuring plate4 x 4 x 1 mmService voltage10 30 V DCNo-load current< 10 mA	Mounting	flush
Standardized measuring plate4 x 4 x 1 mmService voltage10 30 V DCNo-load current< 10 mA	Characteristics	increased operating distance
Service voltage10 30 V DCNo-load current< 10 mA	Operating distance	1 mm
No-load current< 10 mASwitching outputnpn, 100 mA, NOSwitching hysteresis5 %Shock-/vibration load10 55 Hz / 1,0 mm / 30 gVoltage drop< 2,0 V	Standardized measuring plate	4 x 4 x 1 mm
Switching outputnpn, 100 mA, NOSwitching hysteresis5 %Shock-/vibration load10 55 Hz / 1,0 mm / 30 gVoltage drop< 2,0 V	Service voltage	10 30 V DC
Switching hysteresis5 %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, 100 mA, NO
Voltage drop< 2,0 VSwitching frequency3000 HzAmbient temperature, operation-25 +70 °CInsulation voltage endurance500 VProtection classIP 67Casing materialstainless steel	Switching hysteresis	5 %
Switching frequency3000 HzAmbient temperature, operation-25 +70 °CInsulation voltage endurance500 VProtection classIP 67Casing materialstainless steel	Shock-/vibration load	10 55 Hz / 1,0 mm / 30 g
Ambient temperature, operation-25 +70 °CInsulation voltage endurance500 VProtection classIP 67Casing materialstainless steel	Voltage drop	< 2,0 V
Insulation voltage endurance500 VProtection classIP 67Casing materialstainless steel	Switching frequency	3000 Hz
Protection class IP 67 Casing material stainless steel	Ambient temperature, operation	-25 +70 °C
Casing material stainless steel	Insulation voltage endurance	500 V
	Protection class	IP 67
Material PLIB (Cable)	Casing material	stainless steel
	Material	PUR (Cable)
Connection Cable, 2,0 m	Connection	Cable, 2,0 m