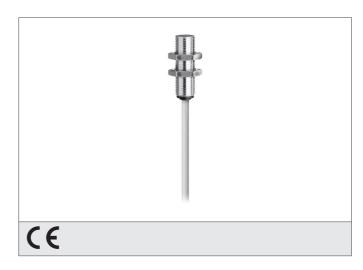
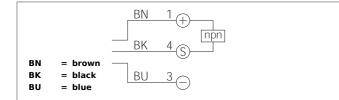
DCCK 12 M 04B NSLK Inductive Proximity Switch



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

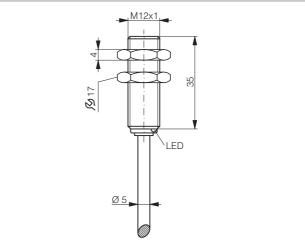




Safety instructions

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 principleInductiveEvaluationdigitalSizeM12 x 1 (thread)DesignscrewMountingflushCharacteristicsincreased operating distanceOperating distance4 mmStandardized measuring plate12 x 12 x 1 mmService voltage10 30 V DCNo-load current<10 mASwitching outputnpn, 200 mA, NOSwitching hysteresis<10 %Shock-/vibration load20 55 Hz / 1,0 mm / 30 gVoltage drop<20 470 °CSmitching frequency500 VInsulation voltage endurance500 VProtection class1P 67Casing materialPraseMaterialPVC (Cable)ConnectionCable, 20 m	TECHNICAL INFORMATION (typ.)	+20°C, 24V DC
SizeM12 x 1 (thread)DesignscrewMountingflushCharacteristicsincreased operating distanceOperating distance4 mmStandardized measuring plate12 x 12 x 1 mmService voltage10 30 V DCNo-load current< 10 mA	Operating principle	Inductive
DesignscrewMountingflushCharacteristicsincreased operating distanceOperating distance4 mmStandardized measuring plate12 x 12 x 1 mmService voltage10 30 V DCNo-load current<10 mA	Evaluation	digital
NoningflushCharacteristicsincreased operating distanceOperating distance4 mmStandardized measuring plate12 x 12 x 1 mmService voltage10 30 V DCNo-load current< 10 mA	Size	M12 x 1 (thread)
Characteristicsincreased operating distanceOperating distance4 mmStandardized measuring plate12 x 12 x 1 mmService voltage10 30 V DCNo-load current< 10 mA	Design	screw
Operating distance4 mmStandardized measuring plate12 x 12 x 1 mmService voltage10 30 V DCNo-load current<10 mA	Mounting	flush
Standardized measuring plate12 x 12 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	4 mm
No-load current< 10 mASwitching outputnpn, 200 mA, NOSwitching hysteresis< 10 %	Standardized measuring plate	12 x 12 x 1 mm
Switching outputnpn, 200 mA, NOSwitching hysteresis< 10 %	Service voltage	10 30 V DC
Switching hysteresis< 10 %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 frequency2000 HzAmbient temperature, operation-25 +70 °CInsulation voltage endurance500 VProtection classIP 67Casing materialbrassMaterialPVC (Cable)	Switching hysteresis	< 10 %
Switching frequency2000 HzAmbient temperature, operation-25 +70 °CInsulation voltage endurance500 VProtection classIP 67Casing materialbrassMaterialPVC (Cable)	Shock-/vibration load	10 55 Hz / 1,0 mm / 30 g
Ambient temperature, operation-25 +70 °CInsulation voltage endurance500 VProtection classIP 67Casing materialbrassMaterialPVC (Cable)	Voltage drop	< 2,0 V
Insulation voltage endurance500 VProtection classIP 67Casing materialbrassMaterialPVC (Cable)	Switching frequency	2000 Hz
Protection class IP 67 Casing material brass Material PVC (Cable)	Ambient temperature, operation	-25 +70 °C
Casing material brass Material PVC (Cable)	Insulation voltage endurance	500 V
Material PVC (Cable)	Protection class	IP 67
	Casing material	brass
Connection Cable, 2,0 m	Material	PVC (Cable)
	Connection	Cable, 2,0 m