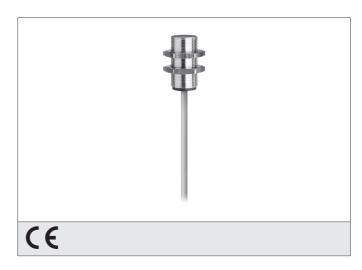
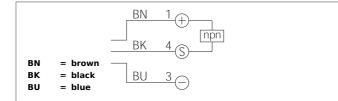
## DCCK 18 M 12 NOLK Inductive Proximity Switch



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

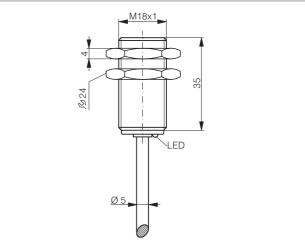




## Safety instructions

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 principleInductiveEvaluationdigitalSizeM18 x 1 (thread)DesignscrewMountingquasi-flushCharacteristicsextremely high operating distanceOperating distance12 mmStandardized measuring plate36 x 36 x 1 mmService voltage10 30 V DCNo-load current< 10 mASwitching outputnpn, 200 mA, NCSwitching frequency50%Shock-/vibration load10 55 Hz / 1,0 mm / 30 gVoltage drop< 2,0 VSwitching frequency500 HzAmbient temperature, operation-25 +70 °CInsulation voltage endurance500 VProtection classIP 67CasagetingCasagetingMaterialPVC (Cable)CanagetingCashagetingSon brainScreen Sinckel plated	TECHNICAL INFORMATION (typ.)	+20°C, 24V DC
SizeMile x 1 (thread)DesignscrewMountingquasi-flushCharacteristicsextremely high operating distanceOperating distance12 mmStandardized measuring plate36 x 36 x 1 mmService voltage10 30 V DCNo-load current< 10 mA	Operating principle	Inductive
DesignscrewMountingquasi-flushCharacteristicsextremely high operating distanceOperating distance12 mmStandardized measuring plate36 x 36 x 1 mmService voltage10 30 V DCNo-load current< 10 mA	Evaluation	digital
Mountingquasi-flushCharacteristicsextremely high operating distanceOperating distance12 mmStandardized measuring plate36 x 36 x 1 mmService voltage10 30 V DCNo-load current< 10 mA	Size	M18 x 1 (thread)
Characteristicsextremely high operating distanceOperating distance12 mmStandardized measuring plate36 x 36 x 1 mmService voltage10 30 V DCNo-load current< 10 mA	Design	screw
Operating distance12 mmStandardized measuring plate36 x 36 x 1 mmService voltage10 30 V DCNo-load current< 10 mA	Mounting	quasi-flush
Standardized measuring plate36 x 36 x 1 mmService voltage10 30 V DCNo-load current< 10 mA	Characteristics	extremely high operating distance
Service voltage10 30 V DCNo-load current< 10 mA	Operating distance	12 mm
No-load current< 10 mASwitching outputnpn, 200 mA, NCSwitching hysteresis5 %Shock-/vibration load10 55 Hz / 1,0 mm / 30 gVoltage drop< 2,0 V	Standardized measuring plate	36 x 36 x 1 mm
Switching outputnpn, 200 mA, NCSwitching 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, 200 mA, NC
Voltage drop< 2,0 VSwitching frequency500 HzAmbient temperature, operation-25 +70 °CInsulation voltage endurance500 VProtection classIP 67Casing materialbrass nickel platedMaterialPVC (Cable)	Switching hysteresis	5 %
Switching frequency500 HzAmbient temperature, operation-25 +70 °CInsulation voltage endurance500 VProtection classIP 67Casing materialbrass nickel platedMaterialPVC (Cable)	Shock-/vibration load	10 55 Hz / 1,0 mm / 30 g
Ambient temperature, operation-25 +70 °CInsulation voltage endurance500 VProtection classIP 67Casing materialbrass nickel platedMaterialPVC (Cable)	Voltage drop	< 2,0 V
Insulation voltage endurance500 VProtection classIP 67Casing materialbrass nickel platedMaterialPVC (Cable)	Switching frequency	500 Hz
Protection classIP 67Casing materialbrass nickel platedMaterialPVC (Cable)	Ambient temperature, operation	-25 +70 °C
Casing material brass nickel plated   Material PVC (Cable)	Insulation voltage endurance	500 V
Material PVC (Cable)	Protection class	IP 67
	Casing material	brass nickel plated
Connection Cable 2.0 m	Material	PVC (Cable)
Connection Cable, 2,0 m	Connection	Cable, 2,0 m