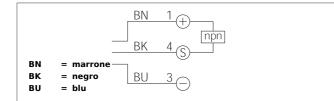
DCC 08 M 04 NSK-IBSL Inductive Proximity Switch



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

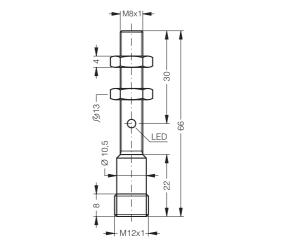




Safety instructions

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 principleInductiveEvaluationdigitalSizeM8 x 1 (thread)DesignscrewMountingquasi-flushCharacteristicsextremely high operating distanceOperating distance4 mmStandardized measuring plate16 x 16 x 1 mmService voltage10 30 V DCNo-load current< 10 mASwitching nysteresis< 10 %Shock-/vibration load10 55 Hz / 1,0 mm / 30 gVoltage drop< 2,0 VSwitching frequency500 HzAmbient temperature, operation500 VProtection classIP 67Casing materialbrass nickel platedConnectionConnector, M12	TECHNICAL INFORMATION (typ.)	+20°C, 24V DC
SizeM8 x 1 (thread)DesignscrewMountingquasi-flushCharacteristicsextremely high operating distanceOperating distance4 mmStandardized measuring plate16 x 16 x 1 mmService voltage10 30 V DCNo-load current< 10 mA	Operating principle	Inductive
DesignscrewMountingquasi-flushCharacteristicsextremely high operating distanceOperating distance4 mmStandardized measuring plate16 x 16 x 1 mmService voltage10 30 V DCNo-load current< 10 mA	Evaluation	digital
Mountingquasi-flushCharacteristicsextremely high operating distanceOperating distance4 mmStandardized measuring plate16 x 16 x 1 mmService voltage10 30 V DCNo-load current< 10 mA	Size	M8 x 1 (thread)
Characeextremely high operating distanceOperating distance4 mmStandardized measuring plate16 x 1 6 x 1 mmService voltage10 30 V DCNo-load current< 10 mA	Design	screw
Operating distance4 mmStandardized measuring plate16 x 16 x 1 mmService voltage10 30 V DCNo-load current< 10 mA	Mounting	quasi-flush
Standardized measuring plate16 x 16 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	4 mm
No-load current< 10 mASwitching outputnpn, 200 mA, NOSwitching hysteresis< 10 %	Standardized measuring plate	16 x 16 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 frequency500 HzAmbient temperature, operation-25 +70 °CInsulation voltage endurance500 VProtection classIP 67Casing materialbrass nickel plated	Switching hysteresis	< 10 %
Switching frequency500 HzAmbient temperature, operation-25 +70 °CInsulation voltage endurance500 VProtection classIP 67Casing materialbrass nickel plated	Shock-/vibration load	10 55 Hz / 1,0 mm / 30 g
Ambient temperature, operation-25 +70 °CInsulation voltage endurance500 VProtection classIP 67Casing materialbrass nickel plated	Voltage drop	< 2,0 V
Insulation voltage endurance500 VProtection classIP 67Casing materialbrass nickel plated	Switching frequency	500 Hz
Protection class IP 67 Casing material brass nickel plated	Ambient temperature, operation	-25 +70 °C
Casing material brass nickel plated	Insulation voltage endurance	500 V
	Protection class	IP 67
Connection Connector, M12	Casing material	brass nickel plated
	Connection	Connector, M12