IN080206

INDUCTIVE SENSORS • INCREASED SWITCHING DISTANCE

sensor inductive, M8x1 45long, Non-flush, Sn: 6, 10-30V DC, PNP NC, Cable 2m PVC, IP67, Brass Chrome-plated



MECHANICAL FEATURES

Active area material of sensor	PBTP
Alignment of cable entry	Axial
Ambient temperature	-25 °C ... 70 °C
Cable infeed	Axial
Cable length	2 m
Degree of protection (IP)	IP67
Design	Cylinder, screw-thread
Housing coating	Chrome-plated
Housing material	Brass
Material of cable sheath	PVC
Mechanical mounting condition for sensor	Non-flush
Pressure-proof	-
Sensor length	45 mm
Thread length	41 mm
Thread pitch	1 mm
Thread size, metric	8

ELECTRICAL FEATURES

Cascadable	-
Correction factor (aluminum)	0.4
Correction factor (brass)	0.55
Correction factor (copper)	0.44
Correction factor (St37)	1
Correction factor (stainl. steel)	0.77
Hysteresis	10 %
No-load current	10 mA
Norm measuring plate	18x18x1
Rated switching current	200 mA
Relative repeat accuracy	5 %
Reverse polarity protection	+
Short-circuit protection	+
Suitable for safety functions	-
Supply voltage	10 V ... 30 V

ELECTRICAL FEATURES

Switching distance	6 mm
Switching frequency	500 Hz
Type of electrical connection	Cable
Type of switching function	Normally closed contact
Type of switching output	PNP
Voltage drop	2 V
Voltage type	DC
With LED display	+
With monitoring function of downstream devices	-

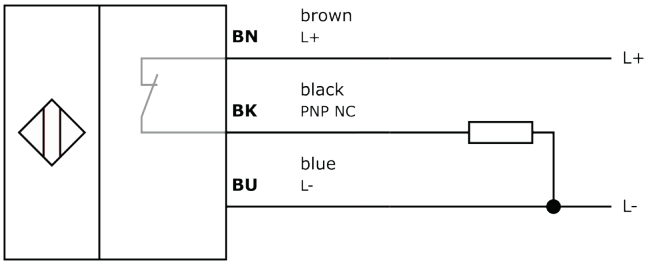
Other

Packaging dimensions	100mm x 0.0mm x 120mm
Shipping weight	0.05kg
Tariff code	85365019

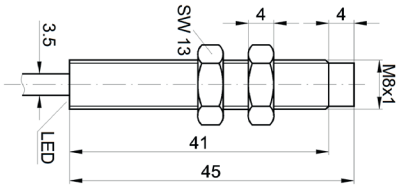
Classification

ipf product group	201
eClass 8.0	27270101
eClass 9.0	27270101
eClass 9.1	27270101
ETIM-5.0	EC002714
ETIM-6.0	EC002714
ETIM-7.0	EC002714

Connection



Dimensional drawing



Installation



Mounting / installation may only be carried out by a qualified electrician!

Disposal



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Safety warnings

Before initial operation, please make sure to follow all safety instructions that may be provided in the product information.
Never use these devices in applications where the safety of a person depends on their functionality.
LED lighting systems can generate intensive UV radiation, which can damage your eyes in case of improper use. The manufacturer cannot be held responsible for damages that result from improper use or connection.