

IB060176

INDUCTIVE SENSORS • INCREASED SWITCHING DISTANCE

sensor inductive, Ø6,5mm 60long, Quasi-flat, Sn: 3, 10-30V DC, PNP
NO, Connector M8 3pin, IP67, Brass Chrome-plated



MECHANICAL FEATURES

Active area material of sensor	Polyoxymethylene (POM)
Alignment of cable entry	Axial
Ambient temperature	-25 °C ... 70 °C
Cable infeed	Axial
Degree of protection (IP)	IP67
Design	Cylinder plain
Housing coating	Chrome-plated
Housing material	Brass
Mechanical mounting condition for sensor	Quasi-flat
Pressure-proof	-
Sensor diameter	6.5 mm
Sensor length	60 mm

ELECTRICAL FEATURES

Cascadable	-
Correction factor (aluminum)	0.2
Correction factor (brass)	0.35
Correction factor (copper)	0.18
Correction factor (St37)	1
Correction factor (stainl. steel)	0.67
Hysteresis	10 %
No-load current	10 mA
Norm measuring plate	9x9x1
Number of pins	3
Operating voltage	10 V ... 30 V
Rated switching current	200 mA
Relative repeat accuracy	5 %
Reverse polarity protection	+
Short-circuit protection	+
Suitable for safety functions	-
Switching distance	3 mm
Switching frequency	1000 Hz
Type of electrical connection	Connector M8

ELECTRICAL FEATURES

Type of switching function	Normally open contact
Type of switching output	PNP
Voltage drop	2 V
Voltage type	DC
With LED display	+

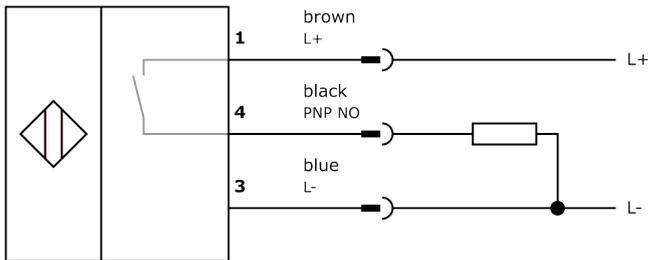
Other

Packaging dimensions	100mm x 17.0mm x 120mm
Shipping weight	0.02kg
Tariff code	85365019

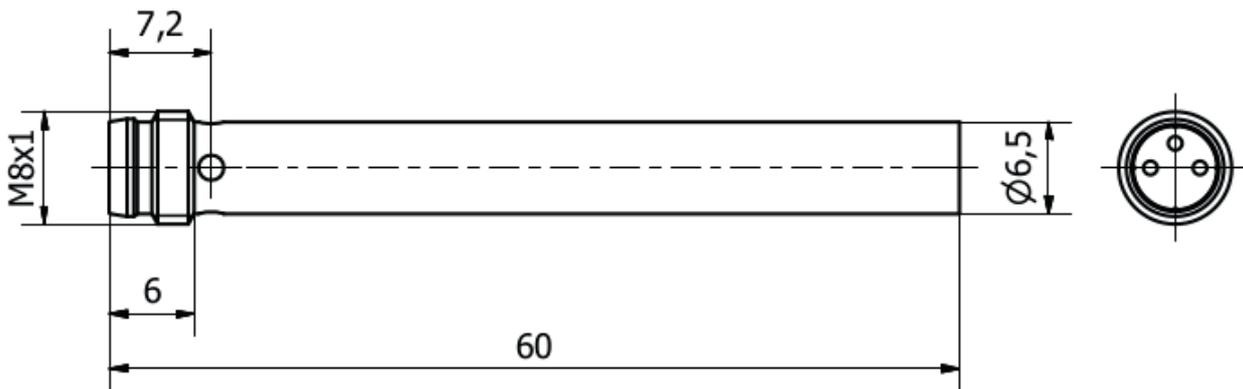
Classification

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



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.