

IB089179

INDUCTIVE SENSORS • WELDING-PROOF

sensor inductive, M8x1 40long, Sn: 3, 10-30V DC, -40-85°C, PNP NO,
Connector M8, IP67, Stainless steel, welding-proof



MECHANICAL FEATURES

Active area material of sensor	LCP
Ambient temperature	-40 °C ... 85 °C
Ambient temperatures < -25°C	+
Degree of protection (IP)	IP67
Housing material	Stainless steel
Sensor length	40 mm
Thread pitch	1 mm
Thread size, metric	8

ELECTRICAL FEATURES

Correction factor (aluminum)	1
Correction factor (brass)	1
Correction factor (copper)	1
Correction factor (St37)	1
Correction factor (stainless steel V2A: 1mm)	1
Correction factor (stainless steel V2A: 2mm)	1
Hysteresis	15 %
Interference resistance to magnetic fields	Immune against magnetic DC-field
Magnetic field resistant	+
Operating voltage	10 V ... 30 V
Rated switching current	100 mA
Short-circuit protection	+
Suitable for safety functions	-
Supply voltage	10 V ... 30 V
Switching distance	3 mm
Switching frequency	2000 Hz
Type of electrical connection	Connector M8
Type of switching function	Normally open contact
Type of switching output	PNP
Voltage drop	2.5 V
Voltage type	DC

OTHER FEATURES

Welding-proof sensors	+
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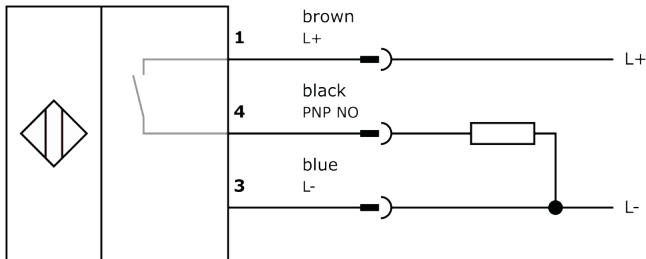
Other

Packaging dimensions	150mm x 10mm x 220mm
Shipping weight	0.02kg
Tariff code	85365019

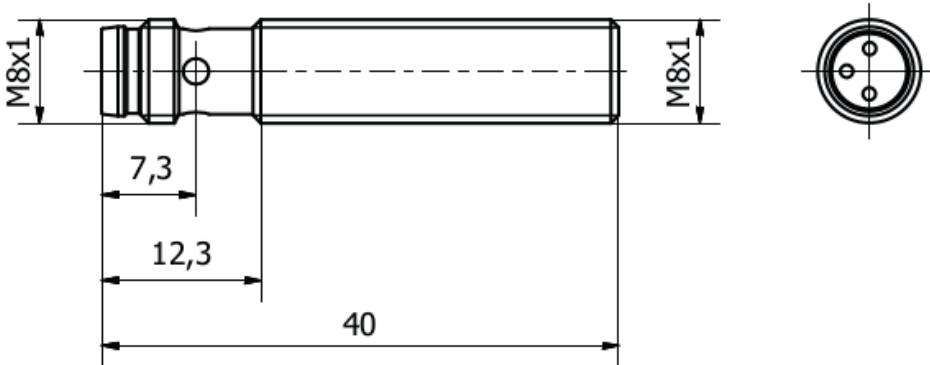
Classification

ipf product group	207
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



Software

Any software, drivers or IODD files that may be required to operate your device can be downloaded free of charge from our homepage: www.ipf-electronic.com

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.

