

IB086050

INDUCTIVE SENSORS • INCREASED AMBIENT TEMPERATURE

sensor inductive, M8x1 30long, Flush, Sn: 2, 140°C, Other Anschluss an Verstärker, Connector M12 3m PTFE, IP50, V2A



MECHANICAL FEATURES

Active area material of sensor	Vectra®
Alignment of cable entry	Axial
Ambient temperature	0 °C ... 140 °C
Cable length	3 m
Degree of protection (IP)	IP50
Design	Cylinder, screw-thread
Housing material	Stainless steel (V2A)
Increased ambient temperatures > 80°C	+
Material of cable sheath	PTFE
Max. tightening torque	3 Nm
Mechanical mounting condition for sensor	Flush
Pressure-proof	-
Sensor length	30 mm
Thread length	23 mm
Thread pitch	1 mm
Thread size, metric	8

ELECTRICAL FEATURES

Cascadable	-
Connection to amplifier	+
Hysteresis	15 %
Norm measuring plate	8x8x1
Reverse polarity protection	+
Suitable for safety functions	-
Switching distance	2 mm
Switching frequency	300 Hz
Type of electrical connection	Connector M12
Type of switching function	Amplifier
Type of switching output	Other
With monitoring function of downstream devices	-

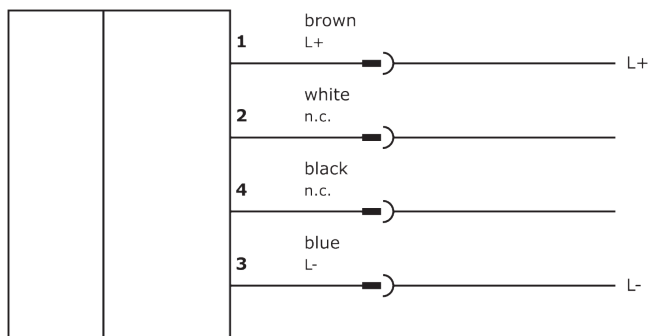
Other

Packaging dimensions	124.0mm x 28.0mm x 149.0mm
Shipping weight	0.18kg
Tariff code	85365019

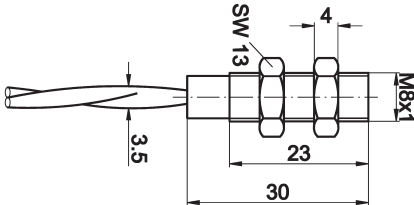
Classification

ipf product group	202
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.