

IN800140

INDUCTIVE SENSORS • INCREASED AMBIENT TEMPERATURE

sensor inductive, M80x1.5 81long, Non-flush, Sn: 50, 10-35V DC, 160°C, PNP NO, Lemo-connector, IP50, Stainless steel 1.4305



MECHANICAL FEATURES

Active area material of sensor	Polytetrafluorethylene (PTFE)
Alignment of cable entry	Axial
Ambient temperature	0 °C ... 160 °C
Cable infeed	Axial
Degree of protection (IP)	IP50
Design	Cylinder, screw-thread
Housing material	Stainless steel 1.4305
Increased ambient temperatures > 80°C	+
Mechanical mounting condition for sensor	Non-flush
Pressure-proof	-
Sensor length	81 mm
Thread length	40 mm
Thread pitch	1.5 mm
Thread size, metric	80

ELECTRICAL FEATURES

Cascadable	-
Hysteresis	15 %
No-load current	15 mA
Norm measuring plate	80x80x1
Rated switching current	150 mA
Reverse polarity protection	+
Short-circuit protection	+
Suitable for safety functions	-
Supply voltage	10 V ... 35 V
Switching distance	50 mm
Switching frequency	100 Hz
Type of electrical connection	Lemo-connector
Type of switching function	Normally open contact
Type of switching output	PNP
Voltage drop	2 V
Voltage type	DC
With monitoring function of downstream devices	-

OTHER FEATURES

Areas inquiry	+
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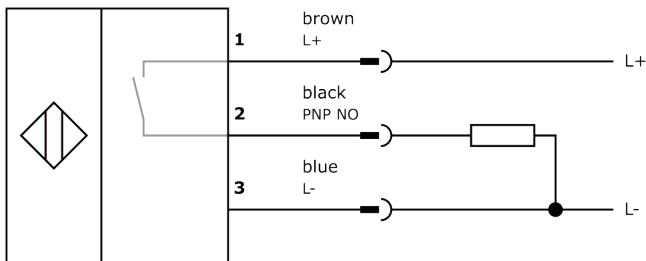
Other

Packaging dimensions	138.0mm x 95.0mm x 210mm
Shipping weight	0.86kg
Tariff code	85365019

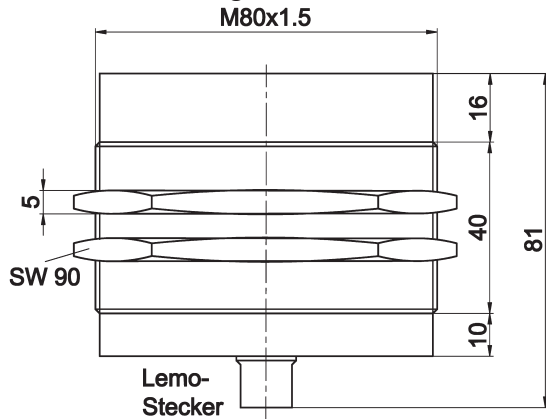
Classification

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



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.

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