

IB991100

INDUCTIVE SENSORS • NORM SWITCHING DISTANCE

sensor inductive, M12x1 56long, Flush, Sn: 3, 10-36V DC, -40-130°C, PNP NO, Cable 2m Silicone, IP65, Stainless steel 1.4305



MECHANICAL FEATURES

| | |
|--|------------------------|
| Active area material of sensor | Vectra® |
| Alignment of cable entry | Axial |
| Ambient temperature | -40 °C ... 130 °C |
| Ambient temperatures < -25°C | + |
| Cable infeed | Axial |
| Cable length | 2 m |
| Degree of protection (IP) | IP65 |
| Design | Cylinder, screw-thread |
| Housing material | Stainless steel 1.4305 |
| Increased ambient temperatures > 80°C | + |
| Material of cable sheath | Silicone |
| Mechanical mounting condition for sensor | Flush |
| Pressure-proof | - |
| Sensor length | 56 mm |
| Thread pitch | 1 mm |
| Thread size, metric | 12 |

ELECTRICAL FEATURES

| | |
|-------------------------------|-----------------------|
| Cascadable | - |
| Hysteresis | 20 % |
| No-load current | 15 mA |
| Norm measuring plate | 12x12x1 |
| Rated switching current | 120 mA |
| Reverse polarity protection | + |
| Short-circuit protection | + |
| Suitable for safety functions | - |
| Supply voltage | 10 V ... 36 V |
| Switching distance | 3 mm |
| Switching frequency | 500 Hz |
| Type of electrical connection | Cable |
| Type of switching function | Normally open contact |
| Type of switching output | PNP |
| Voltage type | DC |

ELECTRICAL FEATURES

With LED display +

With monitoring function of downstream devices -

Other

Packaging dimensions 100mm x 0.0mm x 120mm

Shipping weight 0.06kg

Tariff code 85365019

Classification

ipf product group 700

eClass 8.0 27270101

eClass 9.0 27270101

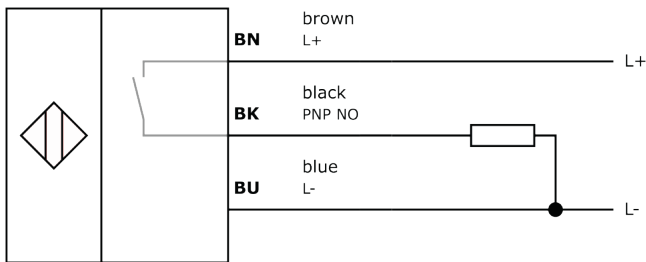
eClass 9.1 27270101

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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