

MR124104

Magnetic field sensors • Proximity switches

Sensor magnetic, reed, M12x1 45long, 150V AC/DC, 1x reed contact NO, cable tail 2-pin 2.5m PVC, IP67, nickel-plated (n-pltd) brass, LED

including Nut



Electrical features

Response/decay time	2 ms
Number of switching outputs	1
Display	LED display
Type of switching function	Normally open contact (NO)
Type of electrical connection	Cable
Type of switching output	Dry reed contact
Rated switching current	500 mA
Contact life	$\leq 10^5 \dots 10^6$ circuitry
Switching distance	40 mm
Switching frequency	250 Hz
Decay time	0.1 ms
Operating voltage (AC 50Hz)	150 V
Operating voltage (DC)	150 V

Mechanical features

Number of cores	2
Conductor cross-section	0.34 mm ²
Tightening torque	10 Nm
Design	Cylinder, screw-thread
Diameter	12 mm
Thread length	35 mm
Thread pitch	1 mm
Cable length	2.5 m
Length	45 mm
Degree of protection (IP)	IP67
Housing material	Nickel-plated brass
Material of cable sheath	Plastic (PVC)
Thread dimension	M12
Ambient temperature	-25 - 70 °C

Other features

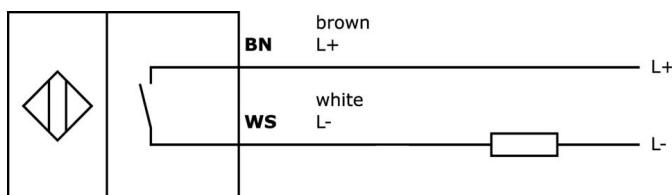
Reference medium / object	AM000009
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Classification

ETIM 8	EC002544 Magnetic proximity switch
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More

IPF Product Group	230 magnetic sensors
packaging dimensions	123 x 77 x 25 mm
gross weight	90 g
Customs tariff number	85365080
WEEE number	40951076
Reach-compliant	Yes
RoHS-compliant	Yes

Connection**Extract accessories program****VY850001**

Inverter/signal-inversion/turn-off delay, 85x65x18mm, 0.01-10s, 12-30V DC, 1x NC/NO, Clamp 8pin, IP40, Plastic, Plug-in jumpers

VY850002

Inverter/signal-inversion/turn-off delay, 85x65x18mm, 0.01-10s, 12-30V DC, 1x NC/NO, Clamp 8pin, IP40, Plastic, Plug-in jumpers

AY000025

accessories, Hexagon nut, M12x1, Wrench size 17mm, Brass Nickel-plated

AY000032

accessories sensor, Ø12mm, Aluminum, For sensor 12mm, for Wall mounting, Screw mounting

AY000141

Plastic sheath, Ø17mm, Inner diameter 10mm, -40-250°C, Glass fiber with silicone rubber, Short-term resistance to weld spatter 1200°C, Tensile strength 400N, Flexible, Flame retardant, yard good

AY000162

Accessories, magnetic, Ø43mm, neodymium-iron-boron, inside thread M5, rubber

AY000159

Accessories sensor, mounting tube, Ø12mm 200long, aluminum anodized/anodized

You can find further accessories on our homepage

**Installation**

Mounting / installation may only be carried out by a qualified electrician!

**Disposal**

WEEE number according to § 6 para. 3
ElektroG: 40951076

Safety warnings

- I** Before initial operation, please make sure to follow all safety instructions that may be provided in the product information.
- I** Never use these devices in applications where the safety of a person depends on their functionality.