

## 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 <sup>2</sup>
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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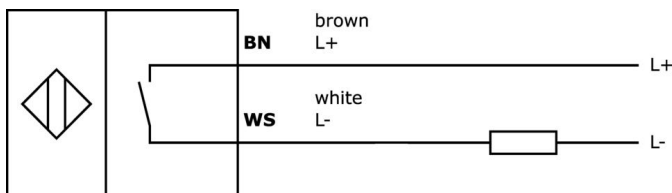
## Classification

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



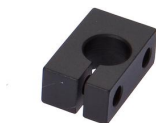
Inverter/signal-inversion/turn-off delay, 85x65x18mm, 0.01-10s, 12-30V DC, 1x NC/NO, Clamp 8pin, IP40, Plastic, Plug-in jumpers

### 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**

- / 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.