

MRR90171

Magnetic field sensors • Sensors for C-slot

sensor magnetic, reed, 9mm round, Ø9mm 40long, 10-30V AC/DC, 1x Dry reed contact NO, Connector M8 3pin, IP67, Aluminum, LED, mounting Lateral, Sensor surface position Center of the device



Electrical features

Number of switching outputs	1
Display	LED display
Type of switching function	Normally open contact (NO)
Type of electrical connection	Connector M8
Type of switching output	Dry reed contact
Rated switching current	1500 mA
Absolute hysteresis	1 mm
Short-circuit protection	No
Number of pins	3
Switching frequency	500 Hz
Voltage drop	0.2 V
Reverse polarity protection	No
Absolute repeat accuracy	1 mm
Operating voltage (AC 50Hz)	10 - 230 V
Operating voltage (DC)	10 - 230 V

Mechanical features

Design	Cylinder plain
Diameter	9 mm
Sensor surface position	Center of the device
Length	40 mm
Degree of protection (IP)	IP67
Housing material	Aluminum
Ambient temperature	-25 - 75 °C

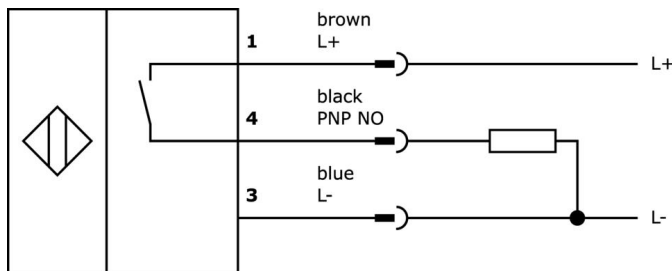
Classification

ETIM 8	EC002544 Magnetic proximity switch
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More

IPF Product Group	221 pneumatic cylinder sensors (low cost / reed)
packaging dimensions	120 x 80 x 17 mm
gross weight	7 g
Customs tariff number	85365019
WEEE number	40951076
Reach-compliant	Yes
RoHS-compliant	Yes

Connection



Extract accessories program

AM000011



accessories magnetic, Mounting clip, 24x21x10mm, span 9.2-9.94mm, Polyoxymethylene (POM), For sensor 9round, for Cylinder, 8round, Screw mounting

AM000012



accessories magnetic, Mounting clip, 26x21x10mm, span 11-11.9mm, Polyoxymethylene (POM), For sensor 9round, for Cylinder, 10round, Screw mounting

VK030F70



Connection cable, 0.3m, M8 socket 3-pin angular, M8 connector 3-pin straight, 3x0.34mm², PUR (polyurethane), 60V, IP67, suitable for trailing chain and torsion resistant, oils and cooling lubricants, welding area, silicone-free

VK030F74



Connection cable, 0.3m, M8 socket 3-pin straight, M8 connector 3-pin straight, 3x0.34mm², PUR (polyurethane), 60V, IP67, suitable for trailing chain and torsion resistant, oils and cooling lubricants, welding area, silicone-free

VL300138



Logic module, 26x136x30mm, OR, 2x4fold, 10-30V DC, sensor side M8 Female (socket) 3pin, control side M12 Male (connector) 12pin, IP67, Plastic

VL300148



Logic module, 26x136x30mm, AND, 4fold, 10-30V DC, sensor side M8 Female (socket) 3pin, control side M12 Male (connector) 12pin, IP67, Plastic, Signal change logic

VK200071



Connection cable, 2m, M8 Female (socket) 3pin Angular, Free conductor end, 3x0.34mm², PUR (Polyurethane), Ø4.3mm, 60V, -40-90°C, IP67, TPU, Suitable for trailing chain and torsion resistant, Oil and cooling lubricants, Welding area, Silicone-free

VK200075



Connection cable, 2m, M8 female (socket) 3pin Straight, free conductor end, 3x0.34mm², PUR (Polyurethane), Ø4.3mm, 60V, -30-90°C, IP67, suitable for trailing chain and torsion resistant, oil and cooling lubricants, welding area, Silicone-free

VYR90270



Signal inversion, Ø9mm 32long, 10-35V DC, 1x NC, M8 0.3m, IP67, Aluminum

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.