

MRR90171

MAGNETIC SENSORS • SENSORS FOR PNEUMATIC CYLINDERS

10-30V DC,1500mA,M8-Stecker



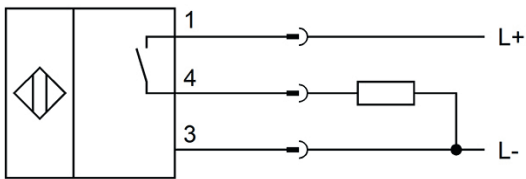
TECHNICAL DATA

Ambient temperature	-25 °C ... 75 °C
Cross/short circuit identification possible	No
Cylinder sensors	Yes
Degree of protection (IP)	IP67
Harsh environmental conditions	No
Housing design	Cylinder plain
Housing material	Aluminium
Hysteresis	1 mm
Increased ambient temperatures > 80°C	No
Low sensitivity	No
Low switching hysteresis	No
Max. output current	1500 mA
Metal housing	Yes
Metallic sensor surface	No
Number of pins	3
Oil and cooling lubricants	No
Operating voltage	10 V ... 30 V
Rated supply voltage at AC 50 Hz	10 V ... 30 V
Rated supply voltage at DC	10 V ... 30 V
Reed contact	Yes
Relative repeat accuracy	1 mm
Reverse polarity protection	No
Sensor diameter	9 mm
Sensor length	40 mm
Sensor surface position	Centre of the device
Setting via teach-in	No
Short travel path	No
Short-circuit-proof	No
Strong vibration / motion	No
Suitable for safety functions	No

TECHNICAL DATA

Switching frequency	500 Hz
Two switching points	No
Type of actuation	Magnet
Type of electrical connection	Connector M8
Type of switching function	Normally open contact
Type of switching output	Dry reed contact
Voltage drop	0.2 V
Voltage type	AC/DC
With LED display	Yes
With monitoring function of downstream devices	No

CONNECTION



Colors: 1 = BN (brown), 3 = BU (blue), 4 = BK (black)

Functions: 1 = L+, 3 = L-, 4 = PNP NO

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.

