

MRR90107

MAGNETIC SENSORS • SENSORS FOR PNEUMATIC CYLINDERS

sensor magnetic, reed, 9mm round, Ø9mm 33long, 10-30V AC/DC, 1x Dry reed contact NO, Cable 2.5m PVC, IP67, Aluminum, LED, mounting Lateral, Sensor surface position Center of the device



MECHANICAL FEATURES

Ambient temperature	-25 °C ... 75 °C
Cable length	2.5 m
Degree of protection (IP)	IP67
Design	Cylinder plain
Housing material	Aluminum
Increased ambient temperatures > 80°C	-
Material of cable sheath	PVC
Metal housing	+
Mounting access, cylinder groove	Lateral
Number of cores	3
Sensor diameter	9 mm
Sensor length	33 mm
Sensor surface position	Center of the device
Strong vibration / motion	-
Version	9mm round

ELECTRICAL FEATURES

Cross/short circuit identification possible	-
Hysteresis	1 mm
Low sensitivity	-
Low switching hysteresis	-
Number of switching outputs	1
Operating voltage	10 V ... 30 V
Rated switching current	1500 mA
Reed contact	+
Relative repeat accuracy	1 mm
Reverse polarity protection	-
Setting via teach-in	-
Short-circuit protection	-
Suitable for safety functions	-
Switching frequency	500 Hz
Two switching points	-
Type of electrical connection	Cable

ELECTRICAL FEATURES

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	+

OTHER FEATURES

Cylinder sensors	+
Harsh environmental conditions	-
Metallic sensor surface	-
Oil and cooling lubricants	-
Short travel path	-

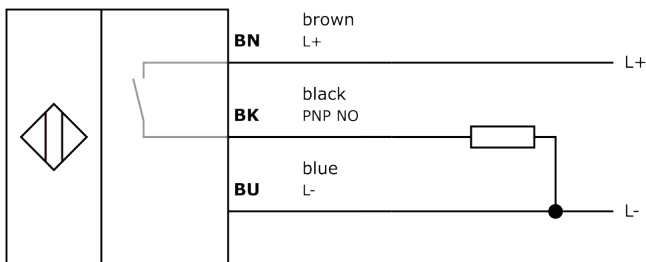
Other

Packaging dimensions	100mm x 0.0mm x 120mm
Shipping weight	0.04kg
Tariff code	85365019

Classification

ipf product group	221
eClass 8.0	27270105
eClass 9.0	27270105
eClass 9.1	27270105
ETIM-5.0	EC002544
ETIM-6.0	EC002544
ETIM-7.0	EC002544

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.

