

MF991191

MAGNETIC SENSORS • SENSORS FOR PNEUMATIC CYLINDERS

15-30VDC,100mA,pnp,no,M12-Stecker



MECHANICAL DATA

Ambient temperature (MAX)	70 °C
Ambient temperature (MIN)	-10 °C
Degree of protection (IP)	IP67
Housing design	Cuboid
Housing material	Plastic
Increased ambient temperatures > 80°C	No
Metal housing	No
Sensor height	46 mm
Sensor length	16.5 mm
Sensor surface position	Center of the device
Sensor width	36.5 mm
Strong vibration / motion	No

ELECTRICAL DATA

Cross/short circuit identification possible	No
Low sensitivity	No
Low switching hysteresis	Yes
Max. output current	100 mA
Number of pins	4
Number of switching outputs	1
Operating voltage (MAX)	30 V
Operating voltage (MIN)	15 V
Reed contact	No
Reverse polarity protection	No
Setting via teach-in	No
Short-circuit-proof	No
Suitable for safety functions	No
Switching frequency	15 Hz
Two switching points	No
Type of electrical connection	Connector M12
Type of switching function	Normally open contact

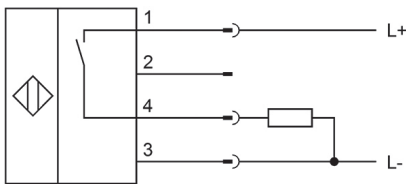
ELECTRICAL DATA

Type of switching output	PNP
Voltage type	DC
With LED display	No
With monitoring function of downstream devices	No

OTHER DATA

Cylinder sensors	Yes
Harsh environmental conditions	No
Metallic sensor surface	No
Oil and cooling lubricants	No
Short travel path	No

CONNECTION



Colors: 1 = BN (brown), 2 = WH (white), 3 = BU (blue), 4 = BK (black)

Functions: 1 = L+, 2 = n. c., 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.