

MR07A713**MAGNETIC SENSORS • SENSORS FOR PNEUMATIC CYLINDERS**

MR070174, Verpackungseinheit 100 Stück

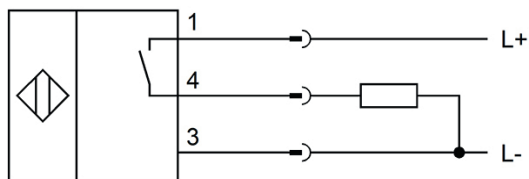
**TECHNICAL DATA**

Ambient temperature	-25 °C ... 75 °C
Cable length	0.3 m
Cross/short circuit identification possible	No
Cylinder sensors	Yes
Degree of protection (IP)	IP67
For T-groove	Yes
Harsh environmental conditions	No
Housing design	Cuboid
Housing material	Zinc die-cast
Hysteresis	1 mm
Increased ambient temperatures > 80°C	No
Low sensitivity	No
Low switching hysteresis	No
Material of cable sheath	PUR (Polyurethane)
Max. output current	100 mA
Metal housing	Yes
Metallic sensor surface	No
Mounting access, cylinder groove	IV000198
Number of pins	3
Number of switching outputs	1
Oil and cooling lubricants	Yes
Operating voltage	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 height	6.3 mm
Sensor length	30 mm
Sensor surface position	Centre of the device
Sensor width	6.2 mm

TECHNICAL DATA

Setting via teach-in	No
Short travel path	No
Short-circuit-proof	No
Strong vibration / motion	No
Suitable for safety functions	No
Switching frequency	500 Hz
Two switching points	No
Type of actuation	Magnet
Type of electrical connection	Cable connector M8
Type of electrical connection	Cable with connector
Type of switching function	Normally open contact
Type of switching output	Dry reed contact
Voltage drop	0.2 V
Voltage type	DC
With LED display	No
With monitoring function of downstream devices	No

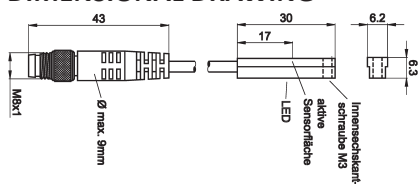
CONNECTION



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.