

MR07C453**MAGNETIC SENSORS • SENSORS FOR PNEUMATIC CYLINDERS**

10-30V AC/DC, 2draht, 30mA, M8-Stckr

**MECHANICAL DATA**

Ambient temperature (MAX)	80 °C
Ambient temperature (MIN)	-25 °C
Degree of protection (IP)	IP67
Housing design	Cuboid
Housing material	Plastic
Increased ambient temperatures > 80°C	No
Metal housing	No
Mounting access, cylinder groove	Lateral
Sensor height	5 mm
Sensor length	16 mm
Sensor width	26 mm
Strong vibration / motion	No
Version	Pull-rod mount

ELECTRICAL DATA

Contact life	≤ 10 ⁵ ... 10 ⁶ circuity
Cross/short circuit identification possible	No
Low sensitivity	No
Low switching hysteresis	No
Max. output current	30 mA
Number of pins	3
Number of switching outputs	1
Operating voltage (MAX)	30 V
Operating voltage (MIN)	10 V
Reed contact	Yes
Reverse polarity protection	Yes
Setting via teach-in	No
Short-circuit-proof	No
Suitable for safety functions	No
Switching capacity	0.9 W
Two switching points	No

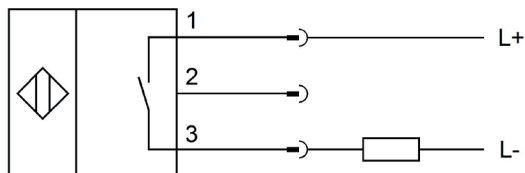
ELECTRICAL DATA

Type of electrical connection	Connector M8
Type of switching function	Normally open contact
Type of switching output	Dry reed contact
Voltage type	AC/DC
With LED display	Yes
With monitoring function of downstream devices	No

OTHER DATA

Cylinder sensors	Yes
Cylinder version	With T-groove
Harsh environmental conditions	No
Metallic sensor surface	No
Oil and cooling lubricants	No
Short travel path	No

CONNECTION



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

Functions: 1 = L+, 2 = n. c., 3 = L-

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.