

MR124100**MAGNETIC SENSORS • PROXIMITY SWITCHES**

250V AC/DC, 480mA, no, 1m Kabel

**MECHANICAL DATA**

Ambient temperature	-25 °C ... 70 °C
Cable length	1 m
Degree of protection (IP)	IP67
Housing design	Cylinder, screw-thread
Housing material	Nickel-plated brass
Increased ambient temperatures > 80°C	No
Material of cable sheath	PVC
Metal housing	Yes
Number of wires	2
Sensor diameter	12 mm
Sensor length	21 mm
Strong vibration / motion	No
Thread length	70 mm
Thread pitch	1 mm
Thread size, metric	12
Tightening torque	10 Nm ... 10 Nm

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	480 mA
Number of pins	2
Number of switching outputs	1
Operating voltage	250 V ... 250 V
Reed contact	Yes
Reverse polarity protection	No
Setting via teach-in	No
Short-circuit-proof	No
Suitable for safety functions	No

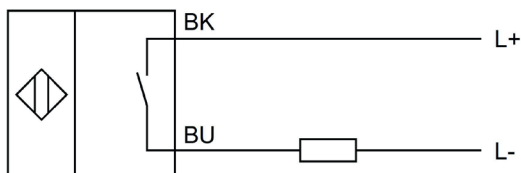
ELECTRICAL DATA

Switching frequency	250 Hz
Two switching points	No
Type of electrical connection	Cable
Type of switching function	Normally open contact
Type of switching output	Dry reed contact
Voltage type	AC/DC
With LED display	No
With monitoring function of downstream devices	No

OTHER DATA

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

CONNECTION



Colors: BK (black), BU (blue)

Functions: BK = L+, BU = 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!