



Wireless inductive sensor

RF IS M12 nb-ST 2 m

Material number: 1189974 (Material number old: 90211002)

Features/Options:

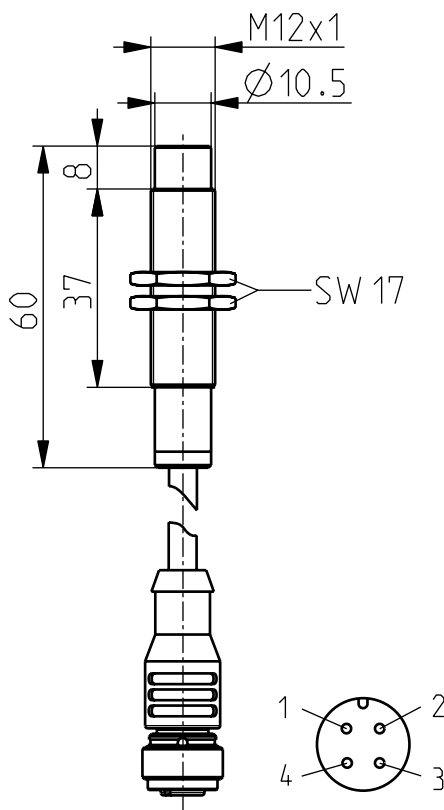
- Metal enclosure
- M12 thread
- Non-flush mounting

Notes

- 2 mounting nuts are included in delivery

- To be connected to [RF 96 ST or RF I/O universal transmitter](#)
- With M12 coupling, 4-pole

Dimensions



Technical data

Applied standards	EN 60947-5-2
Enclosure	brass, nickeled
Front cap	PVC, black
Back cap	PVC, black
Connection	Coupling M12 x 1, 4-pole
Cable length	2 m
Degree of protection	IP 67 to IEC/EN 60529
Ambient temperature	-25 °C ... +70 °C
Rated operating isolation voltage U_i	75 VDC
Rated operating current I_e	0.2 mA
Rated operating voltage U_e	3 ... 5 VDC
Switching distances	s_n 4 mm; s_a 0 ... 3.24 mm; s_r 3.6 mm ... 4.4 mm
Hysteresis	approx. 10 %
Repeatability	≤ 5 %
Type of installation	non-flush
Switching frequency	see RF 96 ST / RF I/O
Correction factors	Steel (Fe360) = 1; Stainless steel approx. 0.7; Brass approx. 0.5; Aluminium approx. 0.4; Copper approx. 0.4
Actuator	steel plate 12 x 12 x 1 mm, FE 360
Note	The sensor may only be used in combination with RF 96 ST or RF I/O
Weight	98 g

Errors and omissions excepted.

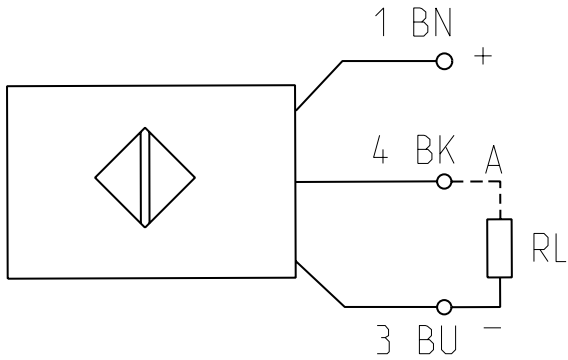


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Contact diagram



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