



Wireless inductive sensor RF IS M8 nb-ST 0.5 m Material number: 1470040

Features/Options:

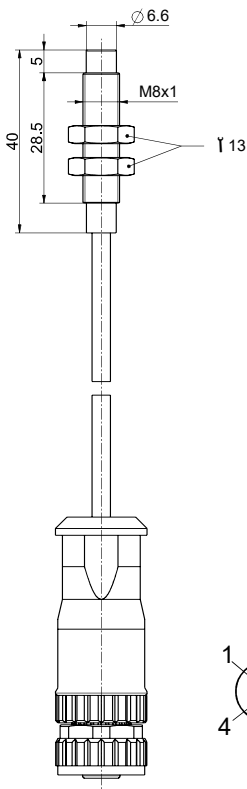
- Metal enclosure
- M8 x 1 thread
- Non-flush mounting

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, EN 61000-6-2, EN 61000-6-3
Enclosure	stainless steel
Actuator	steel plate 8 x 8 x 1 mm, FE 360
Front cap	POM
Back cap	POM
Degree of protection	IP 67 to IEC/EN 60529
Connection	Coupling M12 x 1, 4-pole
Cable length	0.5 m
Ambient temperature	-25 °C ... +70 °C
Rated insulation voltage U_i	75 VDC
Rated operating current I_e	0.2 mA
Rated operating voltage U_e	3 ... 5 VDC
Rated switching distance s_n	2 mm
Assured switching distance s_a	0 ... 1.62 mm
Real switching distance s_r	1.8 ... 2.4 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
Note	The sensor may only be used in combination with RF 96 ST or RF I/O

Errors and omissions excepted.



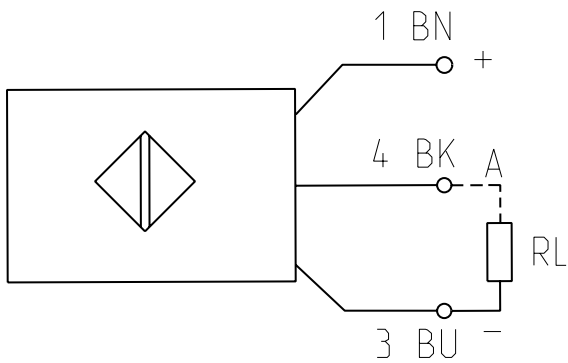
Wireless inductive sensor
RF IS M8 nb-ST 0.5 m
Material number: 1470040

Technical data

Weight

47 g

Contact diagram



Errors and omissions excepted.