



## Wireless inductive sensor RF IS M12 nb-ST

### Features/Options:

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

### Notes

- 2 mounting nuts are included in delivery

### Technical data

Standards	EN 60947-5-1
Enclosure	brass, nickeled
Front cap	PVC, black
Back cap	PVC, black
Connection	Coupling M12 x 1, 4-pole
Cable length	0.5 m, 1 m or 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

NO contact

### Ordering details

Typ  
RF IS M12 nb-ST  
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Errors and omissions excepted.