

RS PRO Inductive Sensor

RS Stock No.: 2522024

FEATURES

- Non contact detection, safe and reliable;
- ASIC design;
- Perfect choice for metallic target detection.



RS Professionally Approved Products bring to you professional quality parts across all product categories. Our product range has been tested by engineers and provides a comparable quality to the leading brands without paying a premium price.

Specifications

Mounting	Non-flush
Rated distance Sn	3mm
Assured distance Sa	0...2.4mm
Shape size	5.8 *10 *27 mm
Output	PNP NO
Supply voltage	10...30 VDC
Standard target	Fe 10*10*1t
Switch point offset[%/Sr]	≤ ±10%
Hysteresis range [%/Sr]:	1...20%
Repeated error	≤3%
Load current	≤100mA
Residual voltage	≤2.5V
Current consumption	≤10mA
Circuit protection
Output indicator:	Red LED
Ambient temperature	-25°C...70°C
Ambient humidity	35-95%RH
Switch frequency	1000 Hz
Voltage withstand	1000V/AC 50/60Hz 60S
Insulation resistance	≥50MΩ (500VDC)
Vibration resistance	10...50Hz(1.5mm)
Housing material	PC
Connection	2m PVC cable

Protection Category

IP Rating IP67

Additional Information

Custom Tariff Number/HS code 903180

Approvals

Compliance/Certifications CE

Dimension and Wiring