

RS PRO Inductive Sensor

RS Stock No.: 2522048

FEATURES

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



Inductive Sensors

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	Flush
Rated distance Sn	10mm
Assured distance Sa	0...8mm
Shape size	M30*62mm
Output	AC/DC 2 wires NO
Supply voltage	20...250 VAC/DC
Standard target	Fe 30*30*1t
Switch point offset[%/Sr]	≤ ± 10%
Hysteresis range [%/Sr]:	1...20%
Repeat accuracy	≤ 3%
Load current	AC: ≤ 300mA DC: ≤ 100mA
Residual voltage	AC: ≤ 10V DC: ≤ 8V
Current consumption	AC: ≤ 3mA DC: ≤ 1mA
Circuit protection
Output indicator:	Yellow LED
Ambient temperature	-25°C...70°C
Ambient humidity	35-95%RH
Switch frequency	AC: 20 Hz DC: 500 Hz
Voltage withstand	1000V/AC 50/60Hz 60S
Insulation resistance	≥ 50M Ω (500VDC)
Vibration resistance	10...50Hz(1.5mm)
Housing material	Nickel-copper alloy
Connection	2m PVC cable

Protection Category

IP Rating IP67

Additional Information

Custom Tariff Number/HS code 903180

Approvals

Compliance/Certifications CE,UL

Dimension and Wiring

