

RS PRO Inductive Sensor

RS Stock No.: 2522045

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	8mm
Assured distance Sa	0...6.4mm
Shape size	M18*71 mm
Output	PNP NO
Supply voltage	10...30 VDC
Standard target	Fe 18*18*1t
Switch point offset[%/Sr]	≤ ± 10%
Hysteresis range [%/Sr]:	1...20%
Repeat accuracy	≤ 3%
Load current	≤ 200mA
Residual voltage	≤ 2.5V
Current consumption	≤ 15mA
Protection circuit:	Short-circuit, overload and reverse polarity
Output indicator:	Yellow LED
Ambient temperature	-25°C...70°C
Ambient humidity	35-95%RH
Switch frequency	800Hz
Voltage withstand	1000V/AC 50/60Hz 60s
Insulation resistance	≥ 50MΩ (500VDC)
Vibration resistance	10...50Hz(1.5mm)
Housing material	Nickel-copper alloy
Connection	M12 connector

Protection Category

IP Rating IP67

Additional Information

Custom Tariff Number/HS code 903180

Approvals

Compliance/Certifications CE,UL

Dimension and Wiring