

Features

- Extended sensing distance;
- ASIC design; safe and reliable;
- Perfect choice for metallic target detection.

RS PRO Inductive Sensor

RS Stock No.: 2522046



RS PRO 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	Quasi-flush
Rated distance Sn	8mm
Assured distance Sa	0...6.4mm
Shape size	M18*63mm
Output	AC/DC 2 wires NO
Supply voltage	20...250 VAC/DC
Standard target	Fe 24*24*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: 400 Hz
Voltage withstand	1000V/AC 50/60Hz 60s
Insulation resistance	≥50MΩ(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
---------------------------	--------

Dimensions and Wiring

