

RS PRO Inductive Sensor

RS Stock No.: 2522039

FEATURES

- **Special compensating circuit design;**
- **Wider temperature range -40~+70°C;**
- **Perfect choice for Cryogenic system, outdoor condition etc**



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	4mm
Assured distance Sa	0...3.2mm
Shape size	M12*67mm
Output	PNP NO
Supply voltage	10...30 VDC
Standard target	Fe 12*12*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	-40°C...70°C
Ambient humidity	35-95%RH
Switch frequency	1000Hz
Voltage withstand	1000V/AC 50/60Hz 60s
Insulation resistance	≥ 50M Ω (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