

## Features

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

## RS PRO Inductive Sensor

RS Stock No.: 2522043



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	NPN NO
Supply voltage	10...30 VDC
Standard target	Fe 24*24*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	400Hz
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
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## Additional Information

Custom Tariff Number/HS code	903180
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## Approvals

Compliance/Certifications	CE, UL
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## Dimensions and Wiring

