

Features

- Integrated housing matches double highlighted LED indicator
- IP68 protection class which is effectively moisture-proof and dust-proof
- Enhance detection distance. Sensitivity adjustment adopts multi-turn potentiometer, so as to reach higher adjustment accuracy
- High reliability, excellent EMC design with protection against short circuit, overloaded, and reverse polarity
- Widely used in both metal and non-metal (plastic, powder, liquid, etc.) material testing

RS PRO Inductive Sensor

RS Stock No.: 2522023



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	Non-flush
Rated distance Sn	25mm
Assured distance Sa	≤18mm
Shape size	M30*1.5*96mm
Output	PNP NO+NC
Supply voltage	10...30VDC
Standard target	Fe 75*75*1t(Grounded)
Switch point offset[%/Sr]	≤±10%
Hysteresis range [%/Sr]:	3...20%
Repeated error	≤5%
Load current	≤200mA
Residual voltage	≤2V
Consumption current	≤20mA
Protection circuit:	Short circuit protection, Overload protection, Reverse polarity protection
Indicator:	Output indication:Yellow LED;Power indicator:Green LED Overload or short circuit indication:Yellow LED flashes
Ambient temperature	-25°C...70°C(No icing, No condensation)
Ambient humidity	35-95%RH(No icing, No condensation)
Switch frequency	20Hz
Voltage withstand	1000V/AC 50/60Hz 60s
Insulation resistance	≥50MΩ(500VDC)
Vibration resistance	10...55Hz,Dual amplitude 1mm(2 hours each in X, Y, and Z directions)
Housing material	PBT
Connection	M12 connector

Protection Category

IP Rating	IP68
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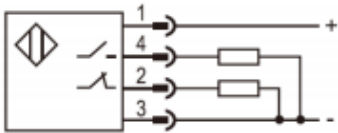
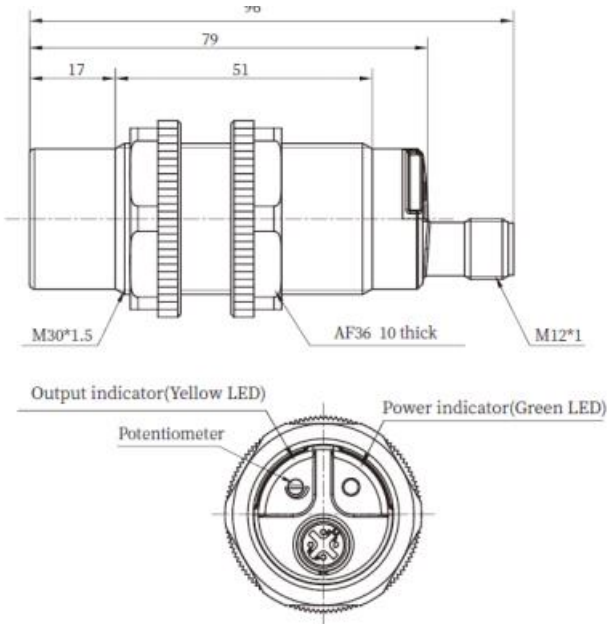
Additional Information

Custom Tariff Number/HS code	903180
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Approvals

Compliance/Certifications	CE; UL
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Dimensions and Wiring



PNP NO+NC