



ENGLISH

Datasheet

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RS Pro PNP Barrel Inductive Proximity Sensor, M12 x 1, with 3 mm Connector: 200 mA, 10 → 30 V dc, IP68



Product Details

RS Pro Stainless Steel Barrel

Stainless steel body with PBT sensing face

High impact and thermal resistance

2m PUR prewired and M12 connector versions

Connector versions supplied with a 2m PUR single-ended, straight connector lead

These sensors offer 'Factor 1' performance which enables them to sense all metals – both ferrous and non-ferrous – at the same distance offering greater sensing confidence.

RS Pro Barrel Range

Extended sensing ranges

Sense all metals at the same distance - with no reduction factor

IP67 Rating (Barrel is IP68)

Yellow LED output status display. Rectangular, Large Block, Stubby Cube and Combiprox also have a green LED for power on, flashing indicates a short circuit

High switching frequency

3 wire dc

No load current 15mA max.

Inherent weld field immunity

Specifications

Body Style	Barrel
Thread Size	M12 x 1
Output Type	PNP
Detection Range	3 mm
Terminal Type	Wire Lead
Supply Voltage	10 → 30 V dc
Length	52mm
Maximum DC Voltage	30V
Mounting Type	Flush
IP Rating	IP68
Switching Current	200 mA
Housing Material	Stainless Steel
Reverse Polarity Protection	Yes
Switching Frequency	≤3 kHz
Minimum Operating Temperature	-30°C
Short Circuit Overload Protection	Yes
Maximum Operating Temperature	+85°C
Dimensions	52 x 12 mm