



# M12PR-96417

## ► M12 SERIES METAL 12MM BARREL-MOUNT SENSOR



M12 Series: Receiver

Range: 5 m; Input 10-30 V dc

Output: Complementary Solid State PNP

Pico 1.22 m (48 in) Pigtail

Part Number: 96417

## SPECIFICATIONS

<b>Sensing Mode (General)</b>	Opposed
<b>Sensing Mode (Detailed)</b>	Receiver
<b>Housing Style</b>	Barrel
<b>Primary Housing Material</b>	Nickel-Plated Brass
<b>Input/Output</b>	Discrete
<b>Max Sensing Range (mm)</b>	5000
<b>Outputs</b>	PNP
<b>Power Supply/Supply Voltage</b>	10-30 V dc
<b>Connection</b>	Pigtail QD
<b>Quick Disconnect Type</b>	M12 (Euro)
<b>Sensing Beam</b>	Visible Red LED
<b>Operation</b>	Light/Dark Operate
<b>Max Op. Temp. (°C)</b>	60

<b>Min Op. Temp. (°C)</b>	-20
<b>Output response time (ms)</b>	0.625 ON/0.375 OFF
<b>Special Feature: Intrinsically Safe</b>	No
<b>Special Feature: Remote Teach</b>	No
<b>Special Feature: Water Detection</b>	No
<b>IP Rating</b>	IP67, IP68
<b>Sensing Beam Wavelength</b>	660
<b>Delay at Power-up (ms)</b>	100
<b>Repeatability (µs)</b>	85
<b>Number of Pins</b>	4
<b>NEMA Rating</b>	NEMA 5, 6 and 1200 PSI Washdown
<b>Max Op. Relative Humidity [%]</b>	90% @ 50°C
<b>Lens Material</b>	PMMA
<b>Adjustments</b>	Potentiometer
<b>Barrel Diameter (mm)</b>	12
<b>Indicator</b>	LEDs
<b>Opposed Mode Emitter/Receiver</b>	Receiver
<b>Feature: Washdown Rated</b>	Yes
<b>Feature: Timing (Hold/Delay)</b>	No
<b>Feature: Encapsulated</b>	No
<b>Feature: Hazardous Area</b>	No
<b>Feature: Audible</b>	No



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