



M12PR-96416

► M12 SERIES METAL 12MM BARREL-MOUNT SENSOR



M12 Series: Receiver

Range: 5 m; Input 10-30 V dc

Output: Complementary Solid State PNP

Pico .81 m (32 in) Pigtail

Part Number: 96416

SPECIFICATIONS

Sensing Mode (General)	Opposed
Sensing Mode (Detailed)	Receiver
Housing Style	Barrel
Primary Housing Material	Nickel-Plated Brass
Input/Output	Discrete
Max Sensing Range (mm)	5000
Outputs	PNP
Power Supply/Supply Voltage	10-30 V dc
Connection	Pigtail QD
Quick Disconnect Type	M8 (Pico)
Sensing Beam	Visible Red LED
Operation	Light/Dark Operate
Max Op. Temp. (°C)	60

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



