



## M12NLVQ

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



M12 Series: Retro (Red)

Range: 2.5 m; Input 10-30 V dc

Output: Complementary Solid State NPN

Pico 150 mm (6 in) Pigtail QD

Part Number: 800276

#### CERTIFICATIONS



#### SPECIFICATIONS

<b>Sensing Mode (General)</b>	Retroreflective
<b>Sensing Mode (Detailed)</b>	Non-Polarized
<b>Housing Style</b>	Barrel
<b>Primary Housing Material</b>	Nickel-Plated Brass
<b>Input/Output</b>	Discrete
<b>Max Sensing Range (mm)</b>	2500
<b>Outputs</b>	NPN
<b>Power Supply/Supply Voltage</b>	10-30 V dc
<b>Connection</b>	Pigtail QD
<b>Quick Disconnect Type</b>	M8 (Pico)
<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>	0.5
<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>	95
<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>	N/A
<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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