M12NFF50Q5

M12 SERIES METAL 12MM BARREL-MOUNT SENSOR

M12 Series: Fixed Field (Red)

Range: 50 mm; Input 10-30V dc

Output: Complementery Solid State NPN

6 in pigtail Euro-style Quick Disconnect Connector

Part Number: 78247

CERTIFICATIONS

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SPECIFICATIONS

Sensing Mode (General)	Proximity
Sensing Mode (Detailed)	Background Suppression (Fixed)
Housing Style	Barrel
Primary Housing Material	Nickel-Plated Brass
Input/Output	Discrete
Max Sensing Range (mm)	50
Outputs	NPN
Power Supply/Supply Voltage	10-30 V dc
Connection	Pigtail QD
Quick Disconnect Type	M12 (Euro)
Sensing Beam	Visible Red LED
Operation	Light/Dark Operate

Max Op. Temp. (°C)	60
Min Op. Temp. (°C)	-20
Output response time (ms)	0.5
Special Feature: Intrinsically Safe	No
Special Feature: Remote Teach	No
Special Feature: Water Detection	No
IP Rating	IP67, IP68
Sensing Beam Wavelength	680
Delay at Power-up (ms)	100
Repeatability (µs)	95
Number of Pins	4
NEMA Rating	NEMA 5, 6 and 1200 PSI Washdown
Max Op. Relative Humidity [%]	90% @ 50°C
Lens Material	PMMA
Adjustments	N/A
Barrel Diameter (mm)	12
Indicator	LEDs
Opposed Mode Emitter/Receiver	N/A
Feature: Washdown Rated	Yes
Feature: Timing (Hold/Delay)	No
Feature: Encapsulated	Yes
Feature: Hazardous Area	No
Feature: Audible	No

RECOMMENDED PRODUCTS

ADAPTERS, BRACKETS, CLAMPS AND MOUNTING ACCESSORIES

SMBQS12PD

Bracket: 12 mm Nose-mount; 16 gauge stainless steel

	SMB12MM Bracket: Right Angle for 12mm threads; Material: 12 Gauge Stainless Steel; (+/-) 10 lateral movement ; Holes accommodate #8 hardware
	SMB12FA Bracket: Kit for 12 mm (1/2 in) Rod Bracket Systems for; most 12 mm barrel mount sensors; lights; and brackets; Inlcudes 3/8-16 X 2 in. Socket Head Cap Screw (SHCS)
	SMB12FAM10 Bracket: Kit for 10 mm (3/8 in) Rod Bracket Systems for; most 12 mm barrel mount sensors; lights; and brackets; Includes M10-1.5 X 50 mm Socket Head Cap Screw (SHCS)

BANNER

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