



M12NFF75Q5-97170

▶ PRODUCTS FOR INDUSTRIAL AUTOMATION



M12 Series: Fixed Field (Red)

Range: 75 mm; Input 10-30 V dc

Output: Complementary Solid State NPN

Euro-style 4.45 m (175 in) Pigtail QD

Part Number: 97170



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)	75
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	No
Feature: Hazardous Area	No
Feature: Audible	No



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