

# **Q12RN6FF30Q3**

## Q12 SERIES MINIATURE SELF-CONTAINED SENSOR



inWORLD-BEAM Q12 Series: Fixed-Field

Range: 30 mm; Input: 10-30 V dc

Output: DO; 1 NPN

Pico 3-pin 150 mm (6 in) Pigtail QD

Part Number: 77103

#### **CERTIFICATIONS**





#### **SPECIFICATIONS**

Sensing Mode (General)	Proximity
Sensing Mode (Detailed)	Background Suppression (Fixed)
Housing Style	Rectangular
Primary Housing Material	Thermoplastic
Input/Output	Discrete
Max Sensing Range (mm)	30
Outputs	NPN
Power Supply/Supply Voltage	10-30 V dc
Connection	Pigtail QD
Quick Disconnect Type	M8 (Pico)
Sensing Beam	Visible Red LED
Operation	Dark Operate

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Max Op. Temp. (°C)	55
Min Op. Temp. (°C)	-20
Output response time (ms)	0.7
Special Feature: Intrinsically Safe	No
Special Feature: Remote Teach	No
Special Feature: Water Detection	No
IP Rating	IP67
Sensing Beam Wavelength	640
Delay at Power-up (ms)	120
Repeatability (μs)	175
Number of Pins	3
Max Op. Relative Humidity [%]	95% @ 50°C
Lens Material	Polycarbonate
Adjustments	N/A
Barrel Diameter (mm)	N/A
Indicator	LEDs
Opposed Mode Emitter/Receiver	N/A
Feature: Timing (Hold/Delay)	No
Feature: Encapsulated	No
Feature: Hazardous Area	No
Feature: Audible	No

## RECOMMENDED PRODUCTS

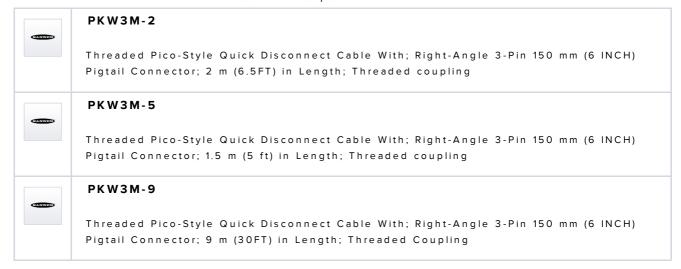
## SINGLE ENDED CORDSETS



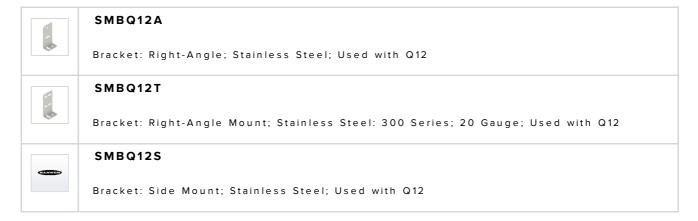
### MQDEC2-506

Euro-Style Quick Disconnect Cable with Shield; 5-Pin Straight Connector; 2 m (6.5 ft) in Length; Chrome-plated brass coupling nut

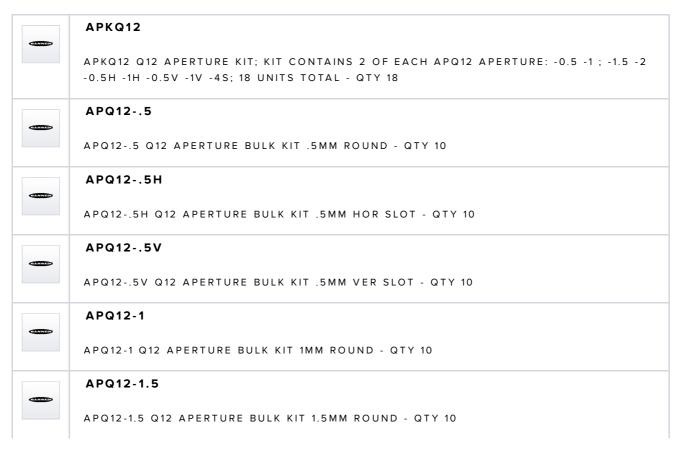


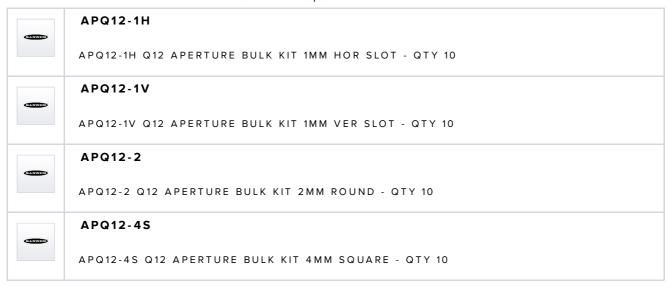


## ADAPTERS, BRACKETS, CLAMPS AND MOUNTING ACCESSORIES



#### **APERTURES**







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