



Q4XTBLAF300-Q8-800886

▶ PRODUCTS FOR INDUSTRIAL AUTOMATION



Q4X Series: Laser Adjustable Field

Range: 500 mm; Input 10-30 V dc

Outputs: Bipolar: 1 NPN; 1 PNP

Connection: Euro M12 5-Pin Integral Connector

Part Number: 800886

CERTIFICATIONS






SPECIFICATIONS

Housing Style	Rectangular w/M18 Mount
Laser Classification	Class 1
Indicator	Display; LED(s)
Analog Resolution/Discrete Repeatability	25 mm to 50 mm: +/-0.5 mm; 50 mm to 300 mm: +/- 1% of range
Max Sensing Distance (mm)	500
Minimum Sensing Distance (mm)	25
Sensing Beam	Visible Red Laser
Power Supply	10-30 V dc
Delay at Power-up (ms)	750
Sensing Beam Wavelength (nm)	655
Adjustments	Push Button; Remote Teach








Temperature Effect (mm/°C)	+/- 0.05 mm per °C from 25 to 125 mm, +/- 0.35 mm per °C at 300 mm
Connection	Integral QD
Number of Pins	5
Analog Voltage Output Rating	2.5 kΩ min. load impedance
Discrete (Switched) Outputs	Bipolar (NPN & PNP)
IP Rating	IP67; IP68; IP69K
Storage Temperature (°C)	-25 to 75
Max Operating Temperature (°C)	50
Min Operating Temperature (°C)	-10
Max Op. Relative Humidity Non-Condensing (%)	95 at 55°C
Window Material	Acrylic
Warm-up Time (minutes)	10
Minimum Response Time (ms)	1.5
Spot Size (@ Reference Distance)	2.0 mm x 0.8 mm @ 500 mm
Barrel Diameter (mm)	18
Minimum Window Size (mm)	0.4
Laser Control	Yes
Max Ambient Light (Lux)	5000
Supply Protection Circuitry	Protected against reverse polarity and transient overvoltages
Feature: Remote Teach	Yes
Feature: Washdown Rated	Yes
Feature: Clear Object Detection	Yes
Feature: Timing (Hold/Delay)	No
Feature: Ecolab Certified	Yes
Feature: Chemical Resistant	Yes
IO Link	No
Wireless	No

RECOMMENDED PRODUCTS



SINGLE ENDED CORDSETS

	MQDC-WDSS-0506
	<p>Euro-style Quick Disconnect Cable; 5-Pin Straight Connector for F&B Applications; 2 m (6.5 ft) in Length abrasion resistant PVC cable; Stainless Steel hex coupling nut and EPDM o-ring</p>
	MQDC-WDSS-0515
	<p>Euro-style Quick Disconnect Cable; 5-Pin Straight Connector for F&B Applications; 5 m (15 ft) in Length abrasion resistant PVC cable; Stainless Steel hex coupling nut and EPDM o-ring</p>
	MQDC-WDSS-0530
	<p>Euro-style Quick Disconnect Cable; 5-Pin Straight Connector for F&B Applications; 9 m (30 ft) in Length abrasion resistant PVC cable; Stainless Steel hex coupling nut and EPDM o-ring</p>
	MQDC1-501.5
	<p>Euro-style Quick Disconnect Cable; 5-pin Straight Connector; 0.5 m (1.5 ft) in Length; Chrome plated Brass Coupling Nut</p>
	MQDC1-506
	<p>Euro-style Quick Disconnect Cable; 5 Pin Straight Connector; 2 m (6.5 ft) in Length; Chrome plated brass coupling nut</p>
	MQDC1-506RA
	<p>Euro-Style Quick Disconnect Cable; 5-Pin Right-Angle Connector; 2 m (6.5 ft) in Length; Chrome-plated brass coupling nut</p>
	MQDC1-515
	<p>Euro-style Quick Disconnect Cable; 5 Pin Straight Connector; 5 m (15 ft) in Length; Chrome plated brass coupling nut</p>
	MQDC1-515RA
	<p>Euro-Style Quick Disconnect Cable; 5-Pin Right-Angle Connector; 5 m (15 ft) in Length; Chrome-plated brass coupling nut</p>
	MQDC1-530
	<p>Euro-style Quick Disconnect Cable; 5 Pin Straight Connector; 9 m (30 ft) in Length; Chrome plated brass coupling nut</p>
	MQDC1-530RA
	<p>Euro-Style Quick Disconnect Cable; 5-Pin Right-Angle Connector; 9 m (30 ft) in Length; Chrome-plated brass coupling nut</p>


ADAPTERS, BRACKETS, CLAMPS AND MOUNTING ACCESSORIES

	<p>SMB18A</p> <p>Bracket: 18 mm Right Angle-mount; Material: 11 Gauge Stainless Steel; Curved mounting slot for versatility/orientation ; Clearance for M4 #8 hardware</p>
	<p>SMB18FA</p> <p>Bracket: Kit for 12 mm (1/2 in.) Rod Bracket Systems for; most 18 mm barrel mount sensors; lights; and brackets; Includes 3/8-16 X 2 in. Socket Head Cap Screw (SHCS)</p>
	<p>SMB18FAM10</p> <p>Bracket: Kit for 10 mm (3/8 in) Rod Bracket Systems for; most 18 mm barrel mount sensors; lights; and brackets; Includes M10-1.5 X 50 mm Socket Head Cap Screw (SHCS)</p>
	<p>SMB18FAM12</p> <p>Bracket: Kit for 12 mm (1/2 in) Rod Bracket Systems for; most 18 mm threaded barrel sensors; lights; and brackets; No Socket Head Cap Screw (SHCS) included</p>
	<p>SMBQ4XFA</p> <p>Bracket: Kit for 12 mm (1/2 in) Rod Bracket Systems; for: Q4X, QS18, QS30; Includes 3/8-16 X 2 in. Socket Head Cap Screw (SHCS)</p>
	<p>SMBQ4XFAM10</p> <p>Bracket: Kit for 10 mm (3/8 in) Rod Bracket Systems; for: Q4X, QS18, QS30; Includes M10-1.5 X 50 mm; Socket Head Cap Screw (SHCS)</p>
	<p>SMBQ4XFAM12</p> <p>Bracket: Kit for 12 mm (1/2 in) Rod Bracket Systems; for: Q4X, QS18, QS30; No Socket Head Cap Screw (SHCS) included</p>

REFERENCE TARGET

	<p>BRT-Q4X-60X18</p> <p>Reflector; Q4X Clear Object Detection; Rectangular 60 mm X 18 mm</p>
	<p>BRT-Q4X-60X50</p> <p>Reflector; Q4X Clear Object Detection; Rectangular 60 mm X 50 mm</p>

ACCESSORIES

	<p>APC-18</p> <p>APC-18 AIR PURGE COLLAR</p>
---	---



APC-18P

APC-18P AIR PURGE COLLAR DELRIN



Banner Engineering Corp. | 9714 Tenth Avenue North | Minneapolis, MN 55441 | United States of America