

Q4XTBLAF300-Q8

► Q4X SERIES RUGGED ALL PURPOSE PHOTOELECTRIC SENSOR



Q4X Series: Laser Adjustable Field
Range: 300 mm; Input: 10-30 V dc
Outputs: Bipolar: 1 NPN; 1 PNP
5-pin M12 Integral QD
Part Number: 94118

CERTIFICATIONS



COMPLETE YOUR SYSTEM

Add all or individual items to your cart. More options available below.

	SMBQ4XFAM12 Bracket: Kit for 12 mm (1/2 in) Rod Bracket Systems for: Q4X, QS18, QS30 No Socket Head Cap Screw (SHCS) Included
	BC-M12F5-22-2 Cordset: Single-Ended M12 5-pin Straight Female Connector 2 m (6.56 ft) 5x22 Black PVC Jacket Nickel-Plated Brass Coupling Nut

SPECIFICATIONS

Power	DC
PFM Output	No
Sensing Beam	Visible Red Laser
Jam Detection	No
PC Configurable	No
IP Rating	IP67, IP68, IP69K
NEMA / UL Type Rating	NEMA 4X
Supply Voltage	10-30 V dc
Pin / Wire Count	5
Item Status	RELEASED
Sensing Mode (General)	Proximity
Sensing Mode (Detailed)	Background/Foreground Suppression
Housing Style	Rectangular w/ Threaded Mount
Device Type	Sensor
Primary Housing Material	Stainless Steel
Laser Classification	Class 1

Input/Output	Discrete
Connection	Integral QD
Quick Disconnect Type	M12
Max Sensing Distance (mm)	300
Minimum Sensing Distance (mm)	25
Adjustments	Push Button; Remote Teach
Number of Pins	5
Discrete (Switched) Outputs	Bipolar (NPN & PNP)
Max Operating Temperature (C)	50
Min Operating Temperature (C)	-10
Minimum Response Time (ms)	1.5
Barrel Thread	M18
Laser Control	Yes
Max Ambient Light (Lux)	5000
Feature: Remote Teach	Yes
Feature: Washdown Rated	Yes
Feature: Clear Object Detection	Yes
Feature: Timing (Hold/Delay)	Yes
Feature: Ecolab Certified	Yes
Feature: Chemical Resistant	Yes
Feature: Pump-in/ Pump-out	No
Feature: Quick Disconnect	Yes
Feature: Health/Marginal Signal Output	No
Application: Ultrasonic	No
Common Ethernet Protocol	No
IO Link	No
RS-232	No
Wireless	No
EPLAN Status	Published
EPLAN Original Sent Date	12/08/2021

COMPATIBLE PRODUCTS

BRACKETS

	SMBQ4XFA 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)
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	SMBQ4XFAM10 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)
	SMBQ4XFAM12 Bracket: Kit for 12 mm (1/2 in) Rod Bracket Systems for: Q4X, QS18, QS30 No Socket Head Cap Screw (SHCS) Included
	SMB18FA 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)
	SMB18FAM10 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)
	SMB18FAM12 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
	SMB18A Bracket: 18 mm Right-Angle-mount Material: 11-Gauge Stainless Steel Curved Mounting Slot for Versatility/Orientation Clearance for M4 #8 Hardware

REFERENCE TARGET REFLECTORS

	BRT-Q4X-60X18 Reflector Q4X Clear Object Detection Rectangular 60 x 18 mm Max Temp = 60 degree C Reference targets are non-traditional retro-reflective targets. They are intended to provide a consistent and reliable background surface for Sensors to learn during the teach process
	BRT-Q4X-60X50 Reflector Q4X Clear Object Detection Rectangular 50 x 50 mm Max Temp = 60 degree C Reference targets are non-traditional retro-reflective targets. They are intended to provide a consistent and reliable background surface for Sensors to learn during the teach process

MISCELLANEOUS

	APC-18 APC-18 Air Purge Collar for 18 mm Threaded Sensors Stainless Steel
	APC-18P APC-18P AIR PURGE COLLAR DELRIN

	MQDC-WDSS-0506 Cordset: Single-Ended M12 5-pin Straight Female 2 m (6.56 ft) 5x22 Black PVC Jacket PVC Black; 316 Stainless Steel Coupling Nut
	MQDC-WDSS-0515 Cordset: Single-Ended M12 5-pin Straight Female 5 m (16.4 ft) 5x22 Black PVC Jacket PVC Black; 316 Stainless Steel Coupling Nut
	MQDC-WDSS-0530 Cordset: Single-Ended M12 5-pin Straight Female 9 m (29.53 ft) 5x22 Black PVC Jacket PVC Black; 316 Stainless Steel Coupling Nut
	BC-M12F5-22-10 Cordset: Single-Ended M12 5-pin Straight Female Connector 10 m (32.8 ft) 5x22 Black PVC Jacket Nickel-Plated Brass Coupling Nut
	BC-M12F5-22-2 Cordset: Single-Ended M12 5-pin Straight Female Connector 2 m (6.56 ft) 5x22 Black PVC Jacket Nickel-Plated Brass Coupling Nut
	BC-M12F5-22-5 Cordset: Single-Ended M12 5-pin Straight Female Connector 5 m (16.4 ft) 5x22 Black PVC Jacket Nickel-Plated Brass Coupling Nut
	BC-M12F5A-22-10 Cordset: Single-Ended M12 5-pin Right-Angle Female Connector 10 m (32.8 ft) 5x22 Black PVC Jacket Nickel-Plated Brass Coupling Nut
	BC-M12F5A-22-2 Cordset: Single-Ended M12 5-pin Right-Angle Female Connector 2 m (6.56 ft) 5x22 Black PVC Jacket Nickel-Plated Brass Coupling Nut
	BC-M12F5A-22-5 Cordset: Single-Ended M12 5-pin Right-Angle Female Connector 5 m (16.4 ft) 5x22 Black PVC Jacket Nickel-Plated Brass Coupling Nut

S15L SERIES IN-LINE SENSOR STATUS INDICATOR

	S15LGYPQ S15L Series: 2-Color In-Line Sensor Status Indicator Voltage: 10-30 V dc; Housing: Polyurethane; IP67 Input: PNP; Colors: Green Yellow Male-Female 4-pin M12 Integral QD
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