



Q3XTBLD100-Q8

► Q3X SERIES LASER CONTRAST SENSOR



Q3XT Series: Laser Diffuse with BGS

Range: 100 mm; Input: 10-30 V dc

Outputs: Bipolar: 1 NPN; 1 PNP

Connection: Euro M12 5-pin Integral Connector

Part Number: 91632

CERTIFICATIONS



SPECIFICATIONS


Sensing Mode (General)	Proximity
Sensing Mode (Detailed)	Diffuse/Background Suppression
Housing Style	Rectangular w/M18 Mount
Primary Housing Material	Nickel-Plated
Laser Classification	Class 2
Input/Output	Discrete
Max Sensing Range (mm)	100
Outputs	Bipolar (NPN & PNP)
Power Supply/Supply Voltage	10-30 V dc





Connection	Integral QD
Quick Disconnect Type	M12 (Euro)
Sensing Beam	Laser
Operation	Light/Dark Operate
Max Op. Temp. (°C)	50
Min Op. Temp. (°C)	-10
Output response time (ms)	0.25
Special Feature: Intrinsically Safe	No
Special Feature: Remote Teach	Yes
Special Feature: Water Detection	No
IP Rating	IP67, IP68, IP69K
Sensing Beam Wavelength	655
Delay at Power-up (ms)	1000
Repeatability (µs)	60
Number of Pins	5
NEMA Rating	N/A
Max Op. Relative Humidity [%]	95% @ 55°C
Lens Material	Acrylic
Adjustments	Teach Button
Barrel Diameter (mm)	18
Indicator	LEDs
Opposed Mode Emitter/Receiver	N/A
Feature: Washdown Rated	Yes
Feature: Timing (Hold/Delay)	Yes
Feature: Encapsulated	No
Feature: Hazardous Area	No
Feature: Audible	No

RECOMMENDED PRODUCTS**SINGLE ENDED CORDSETS**

	<p>MQDC1-501.5</p> <p>Euro-style Quick Disconnect Cable; 5-pin Straight Connector; 0.5 m (1.5 ft) in Length; Chrome plated Brass Coupling Nut</p>
	<p>MQDC1-506</p> <p>Euro-style Quick Disconnect Cable; 5 Pin Straight Connector; 2 m (6.5 ft) in Length; Chrome plated brass coupling nut</p>
	<p>MQDC1-515</p> <p>Euro-style Quick Disconnect Cable; 5 Pin Straight Connector; 5 m (15 ft) in Length; Chrome plated brass coupling nut</p>
	<p>MQDC1-530</p> <p>Euro-style Quick Disconnect Cable; 5 Pin Straight Connector; 9 m (30 ft) in Length; Chrome plated brass coupling nut</p>
	<p>MQDC1-506RA</p> <p>Euro-Style Quick Disconnect Cable; 5-Pin Right-Angle Connector; 2 m (6.5 ft) in Length; Chrome-plated brass coupling nut</p>
	<p>MQDC1-515RA</p> <p>Euro-Style Quick Disconnect Cable; 5-Pin Right-Angle Connector; 5 m (15 ft) in Length; Chrome-plated brass coupling nut</p>
	<p>MQDC1-530RA</p> <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>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>

	<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>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>



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