



## Q3XTBLD150-Q8

### ► Q3X SERIES LASER CONTRAST SENSOR



Q3XT Series: Laser Diffuse with BGS

Range: 150 mm; Input: 10-30 V dc

Outputs: Bipolar: 1 NPN; 1 PNP

Connection: Euro M12 5-pin Integral Connector

Part Number: 95341

#### CERTIFICATIONS



#### SPECIFICATIONS




<b>Sensing Mode (General)</b>	Proximity
<b>Sensing Mode (Detailed)</b>	Diffuse/Background Suppression
<b>Housing Style</b>	Rectangular w/M18 Mount
<b>Primary Housing Material</b>	Nickel-Plated
<b>Laser Classification</b>	Class 2
<b>Input/Output</b>	Discrete
<b>Max Sensing Range (mm)</b>	150
<b>Outputs</b>	Bipolar (NPN & PNP)
<b>Power Supply/Supply Voltage</b>	10-30 V dc





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

**RECOMMENDED PRODUCTS****SINGLE ENDED CORDSETS**

	<p><b>MQDC1-501.5</b></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><b>MQDC1-506</b></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><b>MQDC1-515</b></p> <p>Euro-style Quick Disconnect Cable; 5 Pin Straight Connector; 5 m (15 ft) in Length; Chrome plated brass coupling nut</p>
	<p><b>MQDC1-530</b></p> <p>Euro-style Quick Disconnect Cable; 5 Pin Straight Connector; 9 m (30 ft) in Length; Chrome plated brass coupling nut</p>
	<p><b>MQDC1-506RA</b></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><b>MQDC1-515RA</b></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><b>MQDC1-530RA</b></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><b>SMBQ4XFA</b></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><b>SMBQ4XFAM10</b></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><b>SMBQ4XFAM12</b></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><b>SMB18FA</b></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><b>SMB18FAM10</b></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><b>SMB18FAM12</b></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><b>SMB18A</b></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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