



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

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: Encapsulated	No
Feature: Hazardous Area	No
Feature: Audible	No
Input/Output	Discrete

RELATED PRODUCTS

SINGLE ENDED CORDSETS

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