



QS18EN6DBQ8

► QS18 SERIES ALL PURPOSE PHOTOELECTRIC SENSOR



WORLD-BEAM QS18 Expert Series: Diffuse
Range: 500 mm; Input: 10-30V dc
Output: NPN
Integral Euro-style Quick-Disconnect Connector
Part Number: 71990

CERTIFICATIONS



SPECIFICATIONS

Sensing Mode (General)	Proximity
Sensing Mode (Detailed)	Diffuse
Housing Style	Rectangular
Primary Housing Material	Thermoplastic
Input/Output	Discrete
Max Sensing Range (mm)	500
Outputs	NPN
Power Supply/Supply Voltage	10-30 V dc
Connection	Integral QD
Quick Disconnect Type	M12 (Euro)
Sensing Beam	Infrared LED

Operation	Light/Dark Operate
Max Op. Temp. (°C)	70
Min Op. Temp. (°C)	-20
Output response time (ms)	0.6
Special Feature: Intrinsically Safe	No
Special Feature: Remote Teach	Yes
Special Feature: Water Detection	No
IP Rating	IP67
Delay at Power-up (ms)	100
Repeatability (µs)	75
Number of Pins	4
NEMA Rating	NEMA 6
Max Op. Relative Humidity [%]	95% @ 50°C
Lens Material	PMMA
Adjustments	Teach Button
Barrel Diameter (mm)	N/A
Indicator	LEDs
Opposed Mode Emitter/Receiver	N/A
Feature: Timing (Hold/Delay)	Yes
Feature: Encapsulated	No
Feature: Hazardous Area	No
Feature: Audible	No
Feature: Chemical Resistant	No
IO Link	No

RECOMMENDED PRODUCTS

SINGLE ENDED CORDSETS

	MQDC-406 Euro-style Quick Disconnect Cable; 4-Pin Straight Connector; 2 m (6.5 ft) in Length; Nickel-plated Brass Coupling Nut
	MQDC-406RA Euro-Style Quick Disconnect Cable; 4-Pin Right-Angle Connector; 2 m (6.5 ft) in Length; Nickel-plated brass coupling nut
	MQDC-415 Euro-style Quick Disconnect Cable; 4-Pin Straight Connector; 5 m (15 ft) in Length; Nickel-plated Brass Coupling Nut.
	MQDC-415RA Euro-Style Quick Disconnect Cable; 4-Pin Right-Angle Connector; 5 m (15 ft) in Length; Nickel-plated brass coupling nut
	MQDC-430 Euro-style Quick Disconnect Cable; 4-Pin Straight Connector; 9 m (30 ft) in Length; Nickel-plated Brass Coupling Nut
	MQDC-430RA Euro-Style Quick Disconnect Cable; 4-Pin Right-Angle Connector; 9 m (30 ft) in Length; Nickel-plated brass coupling nut
	MQDC-450 Euro-Style Quick Disconnect Cable; 4-Pin Straight Connector; 15 m (50 ft) in Length; Nickel-plated Brass Coupling Nut
	MQDC-450RA Euro-Style Quick Disconnect Cable; 4-Pin Right-Angle Connector; 15 m (50 ft) in Length; Nickel-plated brass coupling nut

ADAPTERS, BRACKETS, CLAMPS AND MOUNTING ACCESSORIES

	SMB312S Bracket: Side Mounting; Material: Stainless Steel 2-axis
	SMBQS18Y SMBQS18Y MOUNTING BRACKET ASSY
	SMBQS18A SMBQS18A MOUNTING BRACKET ASSY
	SMB30SUS Bracket: Side Mounting Swivel; Extended range of motion; Black thermoplastic polyester; Allows Maximum Articulation

	SMB46L Bracket: L; Material: 14 Gauge 316 Stainless Steel
	SMB46U Bracket: U; Material: 14 Gauge 316 Stainless Steel
	SMBQS18RA SMBQS18RA MOUNTING BRACKET
	SMB4050YL SMB4050YL MOUNTING BRACKET ASSY W/REPLACEABLE LENS COVER
	SMB46S Bracket: S; Material: 14 Gauge 316 Stainless Steel
	SMBQS18DIN SMBQS18DIN MOUNTING BRACKET ASSY



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