QS18VP6XLPQ5

▸ QS18 SERIES ALL PURPOSE PHOTOELECTRIC SENSOR

QS18 Series Clear Object Sensor

Range: 3000 mm; Input: 10-30 V dc

Output: Complementary PNP

Euro M12 150 mm (6 in) Quick-Disconnect

Part Number: 801267

CERTIFICATIONS

SPECIFICATIONS

Sensing Mode (General)	Retroreflective
Sensing Mode (Detailed)	Polarized (Coaxial)
Housing Style	Rectangular w/M18 Mount
Primary Housing Material	Thermoplastic
Input/Output	Discrete
Max Sensing Range (mm)	3000
Outputs	PNP
Power Supply/Supply Voltage	10-30 V dc
Connection	300 mm Pigtail QD
Quick Disconnect Type	M12 (Euro)
Sensing Beam	Visible Red LED

Operation	Light/Dark Operate
Max Op. Temp. (°C)	70
Min Op. Temp. (°C)	-40
Output response time (ms)	0.4
Special Feature: Intrinsically Safe	No
Special Feature: Remote Teach	No
Special Feature: Water Detection	No
IP Rating	IP67
Sensing Beam Wavelength	625
Delay at Power-up (ms)	100
Repeatability (µs)	100
Number of Pins	4
NEMA Rating	NEMA 6
Max Op. Relative Humidity [%]	95% @ 50°C
Lens Material	PMMA
Adjustments	Potentiometer
Barrel Diameter (mm)	18
Indicator	LEDs
Opposed Mode Emitter/Receiver	N/A
Feature: Clear Object Detection	Yes
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

	SMB18A Bracket: 18 mm Right Angle-mount; Material: 11 Gauge Stainless Steel; Curved mounting slot for versatility/orientation ; Clearance for M4 #8 hardware
	SMB18AFA Bracket: Covered Mounting Bracket
	SMB18AFAM10 Bracket: Covered Mounting Bracket with 10 mm Screw

	SMB312S Bracket: Side Mounting; Material: Stainless Steel 2-axis
	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)
	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
	SMBQS18Y SMBQS18Y MOUNTING BRACKET ASSY

RETROREFLECTIVE TARGET

	BRT-40X19A BRT-40X19A
	BRT-40X19A-PS Retroreflective Target: Rectangular -40x19mm; Reflectivity Factor: 1.0; Max. Temp.= 50 degrees C; Polystyrene Plastic; yellow - two screw holes for mounting
	BRT-60X40C Retroreflective Target: Rectangular -60x40mm; Reflectivity Factor: 1.4; Max. Temp.= 50 degrees C; Plastic - two screw holes for mounting
	BRT-60X40C-PS Retroreflective Target: Rectangular -60x40mm; Reflectivity Factor: 1.1; Max. Temp.= 50 degrees C; Polystyrene Plastic; yellow - two screw holes for mounting
	BRT-60X40IP69K Retroreflective Target: Rectangular -60x40mm; Reflectivity Factor: 0.7; IP69K RATED ; Plastic - two screw holes for mounting
	BRT-92X92C Retroreflective Target: Rectangular -92x92mm; Reflectivity Factor: 3.0; Max. Temp.= 50 degrees C; Plastic - two screw holes for mounting
	BRT-51X51BM BRT-51X51BM REFLECTOR

BANNER

Banner Engineering Corp. | 9714 Tenth Avenue North | Minneapolis, MN 55441 | United States of America