



QS18EP6XLPCQ5

► QS18 SERIES ALL PURPOSE PHOTOELECTRIC SENSOR





QS18 Expert Series Clear Object Sensor
Range: 3000 mm; Input: 10-30 V dc
Output: PNP
Euro 150 mm (6 in) Quick-Disconnect Pigtail
Part Number: 97640


CERTIFICATIONS



ACCESSORIES TO COMPLETE YOUR SYSTEM

Add all or individual items to your cart. More options available below.

	<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> <p>In Stock</p>
	<p>MQDC-415</p> <p>Euro-style Quick Disconnect Cable
4-Pin Straight Connector
5 m (15 ft) in Length
Nickel-plated Brass Coupling Nut.</p> <p>In Stock</p>

	<p>BRT-2X2</p> <p>Retroreflective Target: Rectangular -51x51mm
Reflectivity Factor: 1.0
Max. Temp.= 50 degrees C
Plastic - two screw holes for mounting</p> <p>In Stock</p>
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SPECIFICATIONS

Sensing Beam	Visible Red LED
Sensing Mode (General)	Retroreflective
Sensing Mode (Detailed)	Polarized (Coaxial)
Housing Style	Rectangular w/M18 Mount
Primary Housing Material	ABS
Input/Output	Discrete
Max Sensing Distance (mm)	3000
Outputs	PNP
Power Supply/Supply Voltage	10-30 V dc
Connection	300 mm Pigtail QD
Quick Disconnect Type	M12 (Euro)
Operation	Light/Dark Operate
Min Op. Temp. (°C)	-40
Max Op. Temp. (°C)	70
Output response time (ms)	0.4
Special Feature: Intrinsically Safe	No
Special Feature: Remote Teach	Yes
Special Feature: Water Detection	No
Sensing Beam Wavelength	625
Delay at Power-up (ms)	100
Repeatability (µs)	100
Number of Pins	4

NEMA Rating	NEMA 6
IP Rating	IP67
Max Op. Relative Humidity [%]	95% @ 50°C
Lens Material	PMMA
Adjustments	Teach Button
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
DeviceNet	No
IO Link	No

COMPATIBLE PRODUCTS


BRACKET

	SMB18A Bracket: 18 mm Right Angle-mount Material: 11 Gauge Stainless Steel Curved mounting slot for versatility/orientation Clearance for M4 #8 hardware
	SMBQS18Y SMBQS18Y Bracket: Sensor Side Mount with Threaded M18x1 Base
	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
	SMB18AFA SMB18AFA Bracket: Protective Swivel with Tilt and Pan Movement 18mm Mounting Hole 3/8-16x2in Bolt Thread Mount
	SMB18AFAM10 SMB18AFAM10 Bracket: Protective Swivel with Tilt and Pan Movement 18mm Mounting Hole M10-1.5x50 Bolt Thread
	SMB312S Bracket: Side Mounting Material: Stainless Steel 2-axis

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-415 Euro-style Quick Disconnect Cable 4-Pin Straight 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-450 Euro-Style Quick Disconnect Cable 4-Pin Straight Connector 15 m (50 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-415RA Euro-Style Quick Disconnect Cable 4-Pin Right-Angle Connector 5 m (15 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-450RA Euro-Style Quick Disconnect Cable 4-Pin Right-Angle Connector 15 m (50 ft) in Length Nickel-plated brass coupling nut

RETROREFLECTIVE TARGET REFLECTORS

	BRT-51X51BM Retroreflector: Square area 51x51mm Microprism - Reflectivity Factor: 1.5 Max Temp = 60 degree C Plastic - Mounting Screw Hole, 61x51mm housing
	BRT-35X35BM Retroreflector: Square 35x34mm Microprism - Reflectivity Factor: 1.2 Max Temp = 60 degree C Plastic - Screw Hole for Mounting
	BRT-60X40C Retroreflective Target: Rectangular -60x40mm Reflectivity Factor: 1.4 Max. Temp.= 50 degrees C Plastic - two screw holes for mounting
	BRT-60X40IP69K Retroreflective Target: Rectangular 60x40mm Reflectivity Factor: 0.7 IP69K RATED Max Temp = 60 degree C Plastic - two screw holes for mounting
	BRT-60X40C-PS Retroreflective Target: Rectangular - 60 x 40 mm Reflectivity Factor: 1.1 Max. Temp. = 60 Degrees C Polystyrene Plastic; Yellow - Two Screw Holes for Mounting
	BRT-40X19A Reflector: Rectangular, Acrylic Target Reflectivity Factor: 1.3 Temperature -20 to +60C
	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-92X92C Retroreflective Target: Rectangular -92x92mm Reflectivity Factor: 3.0 Max. Temp.= 50 degrees C Plastic - two screw holes for mounting



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