

QS18VN6RQ5

► QS18 SERIES ALL PURPOSE PHOTOELECTRIC SENSOR



WORLD-BEAM QS18 Series: Receiver
Range: 20m; Input: 10-30V dc
Output: Complementary Solid State NPN
6 in Pigtail Euro-Style Pigtail QD Connector
Part Number: 64583

CERTIFICATIONS



SPECIFICATIONS


Sensing Mode (General)	Opposed
Sensing Mode (Detailed)	Receiver
Housing Style	Rectangular w/M18 Mount








Max Sensing Range (mm)	20000
Outputs	NPN
Power Supply/Supply Voltage	10-30 V dc
Connection	Pigtail QD
Quick Disconnect Type	M12 (Euro)
Operation	Light/Dark Operate
Max Op. Temp. (°C)	70
Min Op. Temp. (°C)	-20
Output response time (ms)	0.75 On/0.375 Off
Special Feature: Intrinsically Safe	No
Special Feature: Remote Teach	No
Special Feature: Water Detection	No
IP Rating	IP67
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	Acrylic
Adjustments	N/A
Barrel Diameter (mm)	18

Opposed Mode Emitter/Receiver	Receiver
Feature: Timing (Hold/Delay)	No
Feature: Encapsulated	No
Feature: Hazardous Area	No
Feature: Audible	No
Feature: Chemical Resistant	No
IO Link	No
Input/Output	Discrete











RELATED 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











	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







ACCESSORIES

	SMB18A
	Bracket: 18 mm Right Angle-mount; Material: 11 Gauge Stainless Steel; Curved mounting slot for versatility/orientation ; Clearance for M4 #8 hardware
	SMB18SF
	Bracket: 18 mm Swivel; Material: Black VALOX; Mounting Flange; Swivel Locking Hardware Included
	SMB312S
	Bracket: Side Mounting; Material: Stainless Steel 2-axis
	SMB18FA
	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)
	SMB312PD
	Bracket: 18 mm Barrel Mounting; Material: Stainless Steel

	Bracket: 18 mm Swivel; Material: Black VALOX; 18 mm swivel; Hardware included
	SMBQS18Y
	SMBQS18Y MOUNTING BRACKET ASSY
	SMB18UR
	Bracket: 2 part universal rotating stainless steel; Allows full horizontal movement; Allows full vertical movement
	SMBQS18A
	SMBQS18A MOUNTING BRACKET ASSY
	SMB3018SC
	Bracket: 18 mm swivel barrel or side mounting; Black reinforced thermoplastic polyester; Hardware included
	SMB30SUS
	Bracket: Side Mounting Swivel; Extended range of motion; Black thermoplastic polyester; Allows Maximum Articulation
	SMBAMS18RA
	Bracket: Right-angle SMBAMS series with; 18 mm hole for mounting sensors; Articulation slots for 90 plus degree rotation; 12-ga. (2.6 mm) Cold-rolled Steel
	SMB46L
	Bracket: L; Material: 14 Gauge 316 Stainless Steel
	SMBAMS18P
	Bracket: Flat SMBAMS series with 18 mm ; hole for mounting sensors; Articulation slots for 90 plus degree rotation; 12-ga. (2.6 mm) Cold-rolled Steel
	SMB18Q
	Bracket: 18 mm Angled Flanged-Mount; Material: 12 Guage Stainless Steel; Barrel-Mount

	Bracket: Flat mount swivel with extended range; Allows full articulation; Black thermoplastic polyester & 316 stainless steel; Hardware included
	SMB46A
	Bracket: Adjustable; Stainless Steel; Includes: 2 mm shortarm hex keys
	SMB18C
	Bracket: Stainless Steel Mounting; Material: Black VALOX; 18mm split clamp ; Hardware included
	SMB18FAM10
	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)
	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
	SMB18FM
	SMB18FM FLANGE MOUNT 18MM BRACKET KIT
	SMB18WT
	Bracket: 2 part universal rotating stainless steel; Allows full horizontal/vertical movement, modified for DS18 AC models
	SMB1812SF
	Bracket: Swivel; Compact 12mm; Black reinforced thermoplastic polyester; Hardware included

	SMB18FAB MOUNTING BRACKET; 121704
	SMB18SM
	Bracket: Mounts by its base; Material: Black VALOX; Flexible and Convienient ; Hardware included
	SMB18RAVK
	SMB18RAVK 18MM BRACKET ASSY
	SMBC18
	Bracket: 28 mm Creform Mounting ; Material: Plastic; For 18 mm Lights and Sensors
	SMB18ATFA
	SMB18ATFA COVERED MOUNTING BRACKET, 115MM LONG 4 MOUNTING HOLES
	SMBQS18DIN
	SMBQS18DIN MOUNTING BRACKET ASSY
	SMB18FKI1
	SMB18FKI1 BRACKET SMBHM18FCZ; 13812, BRACKET SMBLSCZDS18; 146848 W/ MOUNTING HARDWARE
	SMBQS18WRS
	SMBQS18WRS
	SMB18UR-2
	SMB18UR-2 MOUNTING BRKT. ASSY
	SMH241F
	Nut Plate; 16 gauge stainless steel; Replaces two M3 mounting nuts and washers
	SMB18ATFAM10
	SMB18ATFAM10 COVERED MOUNTING BRACKET,115MM LONG 4 MOUNTING HOLES, W/10MM SCREW

	SMB18AZ MOUNTING BRACKET ASSY METAL BRACKET CHINA ONLY
	SMB18FVK
	SMB18FVK 18MM BRACKET ASSY
	SMB18URZ
	SMB18URZ MOUNTING BRACKET ASSY CHINA ONLY
	SMB18AFA
	Bracket: Covered Mounting Bracket
	SMB18AFAM10
	Bracket: Covered Mounting Bracket with 10 mm Screw
	APQS18-020
	APQS18-020 APERTURE QS18 SERIES - QTY 6
	APQS18-020H
	APQS18-020H APERTURE QS18 SERIES - QTY 6
	APQS18-020V
	APQS18-020V APERTURE QS18 SERIES - QTY 6
	APQS18-040
	APQS18-040 APERTURE QS18 SERIES QTY 6
	APQS18-040H
	APQS18-040H APERTURE QS18 SERIES - QTY 6
	APQS18-040V
	APQS18-040V APERTURE QS18 SERIES - QTY 6