



QS30VR3FF400QPMA16

► QS30 SERIES HIGH-PERFORMANCE LONG-RANGE SENSOR



WORLD-BEAM QS30 Series: Universal Voltage - FF

Range: 400 mm; Input: 12-250V dc or 24-250V ac

Output: SPDT e/m Relay-250V ac

6 in (150 mm) 5-pin PUR pigtail Micro-style QD;
designed for use SMBQS30YL bracket

Part Number: 73075

CERTIFICATIONS



SPECIFICATIONS

Sensing Mode (General)	Proximity
Sensing Mode (Detailed)	Background Suppression (Fixed)
Housing Style	Rectangular w/M30 Mount
Primary Housing Material	Thermoplastic
Input/Output	E/M Relay
Max Sensing Range (mm)	400
Outputs	SPDT e/m Relay
Power Supply/Supply Voltage	12-250 V dc or 24-250 V ac
Connection	Pigtail PUR QD
Quick Disconnect Type	1/2 in. (Micro)
Sensing Beam	Visible Red LED

Operation	Light/Dark Operate
Max Op. Temp. (°C)	70
Min Op. Temp. (°C)	-20
Output response time (ms)	15
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)	N/A
Number of Pins	5
NEMA Rating	NEMA 6
Max Op. Relative Humidity [%]	95% @ 50°C
Lens Material	Acrylic
Adjustments	N/A
Barrel Diameter (mm)	30
Indicator	LEDs
Opposed Mode Emitter/Receiver	N/A
Feature: Timing (Hold/Delay)	No
Feature: Encapsulated	No
Feature: Hazardous Area	No
Feature: Audible	No

RECOMMENDED PRODUCTS

ADAPTERS, BRACKETS, CLAMPS AND MOUNTING ACCESSORIES




SMB30MM

Bracket: 30mm; Material: 12 Gauge Stainless Steel; Curved mounting slot for versatility/orientation ; Clearance for M6 (1/4 in.) hardware

	<p>SMB30SC</p> <p>Bracket: Compact 30 mm Swivel; Black reinforced thermoplastic polyester; Wide Range of Articulation ; Hardware included</p>
	<p>SMB30A</p> <p>Bracket: Right Angle Mounting; Material: 12 Gauge Stainless Steel; Curved mounting slot for versatility/orientation ; Clearance for M6 (1/4 in.) hardware</p>
	<p>SMB30S</p> <p>Bracket: Stainless Steel Mounting; Material: Black Polyester; 30 mm Swivel ; Hardware included</p>
	<p>SMBAMS30RA</p> <p>Bracket: 30mm Right Angle; Material: 12 Gauge cold rolled steel; Curved mounting slot for versatility/orientation</p>
	<p>SMB30FA</p> <p>SMB30FA MOUNTING BRACKET</p>
	<p>SMB30RAVK</p> <p>Bracket: V-Clamp Mount; 30 mm hole to 28 mm tube; Right-angle</p>
	<p>SMB30FVK</p> <p>SMB30FVK 30MM BRACKET ASSY</p>
	<p>SMBAMS30P</p> <p>Bracket: 30 mm flat bracket; Material: 12 Gauge Cold Rolled Steel; Curved mounting slot for versatility/orientation</p>
	<p>SMBQS30L</p> <p>Bracket: Stainless Steel Right-Angle; 14-ga Stainless Steel; Clearance for M4 (no 8) Hardware; +/- 12 Degree Tilt Adjustment</p>
	<p>SMB46L</p> <p>Bracket: L; Material: 14 Gauge 316 Stainless Steel</p>
	<p>SMB30SM</p> <p>Bracket: Swivel; Material: Black VALOX; Swivel ball is locked when bolts are tightened ; Hardware included</p>
	<p>SMB30C</p> <p>Bracket: Stainless Steel Mounting; Material: Black VALOX; 30mm split clamp ; Hardware included</p>
	<p>SMB30Q</p> <p>Bracket: 30 mm Angle Flanged Mounting; For use with Q40 Sensors</p>

	<p>SMB46U</p> <p>Bracket: U; Material: 14 Gauge 316 Stainless Steel</p>
	<p>SMB46S</p> <p>Bracket: S; Material: 14 Gauge 316 Stainless Steel</p>
	<p>SMB30FAM10</p> <p>SMB30FAM10 MOUNTING BRACKET, M10 X 50MM SHCS, M5 X 18MM SHCS</p>
	<p>SMBAMS30PL52</p> <p>SMBAMS30PL52 AUTOMOTIVE BRKT STRAIGHT LEGEND PLATE</p>
	<p>SMBAMS30RLJ</p> <p>Bracket: Right-angle SMBAMS series with 70 x 40 mm space for label; 30 mm hole for mounting sensor; Articulation slots for 90 plus degree rotation; 12-ga. (2.6 mm) Cold-rolled Steel</p>
	<p>SMBAMS30RLS</p> <p>Bracket: Right Angle; 30 mm hole; Small Legend, Automotive Industry;</p>
	<p>SMBAMS30PL52R</p> <p>Bracket: Flat SMBAMS series with space; for 60 x 58 mm label; 30 mm hole for mounting sensors; Articulation slots for 90 plus degree rotation; 12-ga. (2.6 mm) Cold-rolled Steel</p>
	<p>SMB30MM-62101</p> <p>SMB30MM-62101 MNTG BRKT QTY 2 30 MILLIMETER</p>
	<p>SMB30RAL52R</p> <p>Bracket: 30 mm Hole; 8.3 mm X 127 mm Slot; Zinc Plated Cold Rolled Steel</p>
	<p>SMBAMS30RAE</p> <p>Bracket: 30 mm Right Angle extended version; Material: 12 Gauge Cold Rolled Steel; Curved Mounting Slot for versatility/orientation</p>
	<p>SMB30FVKQ</p> <p>Bracket: 30 mm Bracket Assembly</p>
	<p>SMB30AZ</p> <p>SMB30AZ 30MM BRACKET ASSY CHINA ONLY</p>

ACCESSORIES

	<p>SMB30RAVKQ</p> <p>Bracket: 30 mm Bracket Assembly</p>
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