

# QS30FF400Q

## ▶ QS30 SERIES HIGH-PERFORMANCE LONG-RANGE SENSOR



WORLD-BEAM QS30 Series: Fixed-Field

Range: 400 mm; Input: 10-30 V dc

Output: Bipolar: 1 NPN; 1 PNP

Euro-Style Euro M12 5-pin Integral QD

Part Number: 73089

### CERTIFICATIONS



### SPECIFICATIONS

<b>Sensing Mode (General)</b>	Proximity
<b>Sensing Mode (Detailed)</b>	Background Suppression (Fixed)
<b>Housing Style</b>	Rectangular w/M30 Mount

<b>Max Sensing Range (mm)</b>	400
<b>Outputs</b>	Bipolar (NPN & PNP)
<b>Power Supply/Supply Voltage</b>	10-30 V dc
<b>Connection</b>	Integral QD
<b>Quick Disconnect Type</b>	M12 (Euro)
<b>Sensing Beam</b>	Visible Red LED
<b>Operation</b>	Light/Dark Operate
<b>Max Op. Temp. (°C)</b>	70
<b>Min Op. Temp. (°C)</b>	-20
<b>Output response time (ms)</b>	2
<b>Special Feature: Intrinsically Safe</b>	No
<b>Special Feature: Remote Teach</b>	No
<b>Special Feature: Water Detection</b>	No
<b>IP Rating</b>	IP67
<b>Delay at Power-up (ms)</b>	100
<b>Repeatability (μs)</b>	500
<b>Number of Pins</b>	5
<b>NEMA Rating</b>	NEMA 6
<b>Max Op. Relative Humidity [%]</b>	95% @ 50°C
<b>Lens Material</b>	Acrylic
<b>Adjustments</b>	N/A

<b>Indicator</b>	LEDs
<b>Opposed Mode Emitter/Receiver</b>	N/A
<b>Feature: Timing (Hold/Delay)</b>	No
<b>Feature: Encapsulated</b>	No
<b>Feature: Hazardous Area</b>	No
<b>Feature: Audible</b>	No
<b>Input/Output</b>	Discrete

## RELATED PRODUCTS

## ACCESSORIES

	<b>SMB30RAVK</b>
Bracket: V-Clamp Mount; 30 mm hole to 28 mm tube; Right-angle	
	<b>SMB30FVK</b>
SMB30FVK 30MM BRACKET ASSY	
	<b>SMB30S</b>
Bracket: Stainless Steel Mounting; Material: Black Polyester; 30 mm Swivel ; Hardware included	
	<b>SMBQS30Y</b>
Bracket: Heavy-duty die-cast bracket M18 vertical mount option; +/- 8 deg tilt adjustment with cabled units; Includes nuts and lock washerr; Used with QS30 (DC only)	
	<b>SMB46L</b>
Bracket: L; Material: 14 Gauge 316 Stainless Steel	

Bracket: Swivel; Material: Black VALOX; Swivel ball is locked when bolts are tightened ; Hardware included



### SMBQS30LT

Bracket: Tall right-angle bracket for QD models; +/- 8 deg tilt adjustment; 14-ga. Stainless Steel; Used with QS30 with Integral QDs



### SMB30C

Bracket: Stainless Steel Mounting; Material: Black VALOX; 30mm split clamp ; Hardware included



### SMBQS30YL

Bracket: Heavy-duty die-cast bracket designed for ; industrial protection; Replaceable window; M18 vertical mount option; Includes nuts and lock washer; Used with QS30 (DC only)



### SMB30Q

Bracket: 30 mm Angle Flanged Mounting; For use with Q40 Sensors



### SMB46U

Bracket: U; Material: 14 Gauge 316 Stainless Steel



### SMB46S

Bracket: S; Material: 14 Gauge 316 Stainless Steel



### SMB30FAM10

SMB30FAM10 MOUNTING BRACKET, M10 X 50MM SHCS, M5 X 18MM SHCS



### SMBAMS30PL52

SMBAMS30PL52 AUTOMOTIVE BRKT STRAIGHT LEGEND PLATE



### SMBAMS30RLJ

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



### SMBAMS30RLS

Bracket: Right Angle; 30 mm hole; Small Legend, Automotive Industry;

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



**SMB30MM-62101**

SMB30MM-62101 MNTG BRKT QTY 2 30 MILLIMETER



**SMB30RAL52R**

Bracket: 30 mm Hole; 8.3 mm X 127 mm Slot; Zinc Plated Cold Rolled Steel



**SMBAMS30RAE**

Bracket: 30 mm Right Angle extended version; Material: 12 Gauge Cold Rolled Steel; Curved Mounting Slot for versatility/orientation



**SMB30FVKQ**

Bracket: 30 mm Bracket Assembly



**SMB30AZ**

SMB30AZ 30MM BRACKET ASSY CHINA ONLY



**SMB30MM**

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



**SMB30SC**

Bracket: Compact 30 mm Swivel; Black reinforced thermoplastic polyester; Wide Range of Articulation ; Hardware included



**SMB30A**

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



**SMBAMS30RA**

Bracket: 30mm Right Angle; Material: 12 Gauge cold rolled steel; Curved mounting slot for versatility/orientation



**SMB30FA**

SMB30FA MOUNTING BRACKET

Bracket: 30 mm flat bracket; Material: 12 Gauge Cold Rolled Steel; Curved mounting slot for versatility/orientation



**SMBDX80LM30**

SMBDX80LM30; CLEAR ZINC COLD ROLLED STEEL; DX80; DX80G2M6



**SMB30RAVKQ**

Bracket: 30 mm Bracket Assembly



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