



# QS30EXSH20 W/30

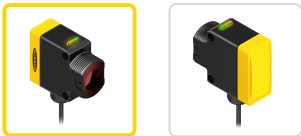
► QS30 SERIES HIGH-PERFORMANCE LONG-RANGE SENSOR



QS30EXSH20 2 FREQ W/30 FT SUPER-HIGH-POWER

Part Number: 83299

CERTIFICATIONS



SPECIFICATIONS

Sensing Mode (General)	Opposed
Sensing Mode (Detailed)	Emitter
Housing Style	Rectangular w/M30 Mount
Primary Housing Material	Thermoplastic
Input/Output	Analog
Max Sensing Range (mm)	8000
Power Supply/Supply Voltage	10-30 V dc
Connection	9 m Cable
Quick Disconnect Type	No QD
Sensing Beam	Long Infrared (Water Detection)
Operation	N/A

<b>Max Op. Temp. (°C)</b>	60
<b>Min Op. Temp. (°C)</b>	-20
<b>Output response time (ms)</b>	10
<b>Special Feature: Intrinsically Safe</b>	No
<b>Special Feature: Remote Teach</b>	No
<b>Special Feature: Water Detection</b>	Yes
<b>IP Rating</b>	IP67
<b>Delay at Power-up (ms)</b>	100
<b>Repeatability (µs)</b>	5000
<b>Number of Pins</b>	4
<b>NEMA Rating</b>	NEMA PW12
<b>Max Op. Relative Humidity [%]</b>	95% @ 50°C
<b>Lens Material</b>	Acrylic
<b>Adjustments</b>	N/A
<b>Barrel Diameter (mm)</b>	30
<b>Indicator</b>	LEDs
<b>Opposed Mode Emitter/Receiver</b>	Emitter
<b>Feature: Timing (Hold/Delay)</b>	No
<b>Feature: Encapsulated</b>	Yes
<b>Feature: Hazardous Area</b>	No
<b>Feature: Audible</b>	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

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

	<b>SMBQS30YL</b>  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)
	<b>SMB30Q</b>  Bracket: 30 mm Angle Flanged Mounting; For use with Q40 Sensors
	<b>SMB46U</b>  Bracket: U; Material: 14 Gauge 316 Stainless Steel
	<b>SMB46S</b>  Bracket: S; Material: 14 Gauge 316 Stainless Steel
	<b>SMB30FAM10</b>  SMB30FAM10 MOUNTING BRACKET, M10 X 50MM SHCS, M5 X 18MM SHCS
	<b>SMBAMS30PL52</b>  SMBAMS30PL52 AUTOMOTIVE BRKT STRAIGHT LEGEND PLATE
	<b>SMBAMS30RLJ</b>  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
	<b>SMBAMS30RLS</b>  Bracket: Right Angle; 30 mm hole; Small Legend, Automotive Industry;
	<b>SMBAMS30PL52R</b>  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
	<b>SMB30MM-62101</b>  SMB30MM-62101 MNTG BRKT QTY 2 30 MILLIMETER
	<b>SMB30RAL52R</b>  Bracket: 30 mm Hole; 8.3 mm X 127 mm Slot; Zinc Plated Cold Rolled Steel
	<b>SMBAMS30RAE</b>  Bracket: 30 mm Right Angle extended version; Material: 12 Gauge Cold Rolled Steel; Curved Mounting Slot for versatility/orientation
	<b>SMB30FVKQ</b>  Bracket: 30 mm Bracket Assembly

	<div><b>SMB30AZ</b></div> <div>SMB30AZ 30MM BRACKET ASSY CHINA ONLY</div>
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ACCESSORIES

	<div><b>SMB30RAVKQ</b></div> <div>Bracket: 30 mm Bracket Assembly</div>
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