

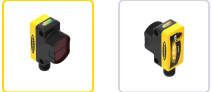
QS30LPQ

► QS30 SERIES HIGH-PERFORMANCE LONG-RANGE SENSOR



WORLD-BEAM QS30 Series: Polarized Retro
 Range: 8 m; Input: 10-30 V dc
 Output: Bipolar: 1 NPN; 1 PNP
 5-pin M12 Integral QD
 Part Number: 73084

CERTIFICATIONS



ACCESSORIES TO COMPLETE YOUR SYSTEM

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

	<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>BRT-2X2</p> <p>Retroreflective Target: Square area - 51 x 51 mm Reflectivity Factor: 1.0 Max. Temp.= 50 degrees C Plastic - two screw holes for Mounting</p>
	<p>MQDC1-506</p> <p>Cordset: Single-Ended A-Code M12 5-pin Straight Female Connector 2 m (6.56 ft) Black PVC Jacket Nickel-Plated Brass Coupling Nut</p>

SPECIFICATIONS

Power	DC
Sensing Beam	Visible Red LED
IP Rating	IP67
NEMA / UL Type Rating	NEMA 4X
Supply Voltage	10-30 V dc
Item Status	RELEASED
Sensing Mode (General)	Retroreflective
Sensing Mode (Detailed)	Polarized
Housing Style	Rectangular w/M30 Mount
Primary Housing Material	Thermoplastic
Input/Output	Discrete
Max Sensing Distance (mm)	8000
Outputs	Bipolar (NPN & PNP)
Connection	Integral QD
Quick Disconnect Type	M12


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Operation	Light/Dark Operate
Min Op. Temperature (C)	-20
Max Op. Temp. (C)	70
Output response time (ms)	2
Special Feature: Intrinsically Safe	No
Special Feature: Remote Teach	No
Special Feature: Water Detection	No
Sensing Beam Wavelength	630
Delay at Power-up (ms)	100
Repeatability (μ s)	500
Number of Pins	5
Max Op. Relative Humidity [%]	95% @ 55°C
Lens Material	Acrylic
Adjustments	Potentiometer
Barrel Diameter (mm)	30
Indicator	LEDs
Feature: Washdown Rated	No
Feature: Clear Object Detection	No
Feature: Timing (Hold/Delay)	No
Feature: Audible	No
Feature: Chemical Resistant	No
Feature: Quick Disconnect	Yes
Feature: Health/Marginal Signal Output	No
DeviceNet	No
EPLAN Status	Published
EPLAN Original Sent Date	04/21/2022

COMPATIBLE PRODUCTS

BRACKETS

	<p>SMB30MM</p> <p>Bracket: 30 mm Material: 12-Gauge Stainless Steel Curved Mounting Slot for Versatility/Orientation Clearance for M6 (1/4 in) Hardware</p>
	<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>

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SMB30S Bracket: Plastic Material: Black Polyester 30 mm Swivel Hardware Included
SMBAMS30RA Bracket: 30 mm Right-Angle Material: 12-Gauge Cold-rolled Steel Curved Mounting Slot for Versatility/Orientation
SMB30FA SMB30FA Bracket: Swivel with Tilt and Pan Movement 30 mm Mounting Hole 3/8-16x2in Bolt Thread Mount
SMB30RAVK Bracket: V-Clamp Mount 30 mm hole to 28 mm tube Right-Angle
SMBQS30Y Bracket: Heavy-duty die-cast Bracket M18 vertical mount option +/- 8 deg tilt Adjustment with cabled units Includes nuts and lock washer Used with QS30 (DC only)
SMB30FVK SMB30FVK Bracket: V-Clamp Flat with Fasteners for Mounting Sensor with 30 mm Threads to Pipe or Extrusions 32.6 mm (1.28 in)
SMBAMS30P Bracket: 30 mm Flat Bracket Material: 12-Gauge Cold-rolled Steel Curved Mounting Slot for Versatility/Orientation
SMB46L Bracket: L Material: 14-Gauge 316 Stainless Steel
SMB30SM 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 30 mm 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

	<p>SMB30FAM10</p> <p>SMB30FAM10 Bracket: Swivel with Tilt and Pan Movement 30 mm Mounting Hole M10-1.5x50 Bolt Thread</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>SMB30 MM-62101 MNTG BRKT QTY 2 30 MILLIMETER</p>
	<p>SMB30FA2</p> <p>SMB30FA2 121705 BRACKET ONLY</p>
	<p>SMBHCZM30-25741</p> <p>Bracket: 12-Gauge Cold-rolled Steel Black Zinc Chromate Dip 30 mm Mounting Hole 70 Degree Angle Mount for Sony XC56 Camera</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>SMB46LQMT</p> <p>SMB46LQMT 25MM SCREWS QMT42 MOUNTING</p>

RETROREFLECTIVE TARGET TAPE REFLECTORS




	<p>BRT-THG-3-100</p> <p>Retroreflective Tape: 75 mm by 2.5 m long Reflectivity Factor: 0.7 Max. Temp.= 60 degrees C Adhesive Back for Mounting (0.1875 m squared)</p>
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RETROREFLECTIVE TARGET REFLECTORS

	<p>BRT-2X2</p> <p>Retroreflective Target: Square area - 51 x 51 mm Reflectivity Factor: 1.0 Max. Temp.= 50 degrees C Plastic - two screw holes for Mounting</p>
	<p>BRT-3</p> <p>Retroreflective Target: Circular - diameter 81 mm Reflectivity Factor: 1.0 Max. Temp.= 65 degrees C Plastic - one hole for Mounting</p>

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	<p>BRT-84</p> <p>Retroreflective Target: Circular - diameter 81 mm Reflectivity Factor: 1.4 Max Temp = 65 degree C Plastic - Center hole for Mounting</p>
	<p>BRT-92X92C</p> <p>Retroreflective Target: Square 92 x 92 mm Reflectivity Factor: 3.0 Max. Temp. = 50 degrees C Plastic - two screw holes for Mounting</p>

	<p>MQDC1-506</p> <p>Cordset: Single-Ended A-Code M12 5-pin Straight Female Connector 2 m (6.56 ft) Black PVC Jacket Nickel-Plated Brass Coupling Nut</p>
	<p>MQDC1-515</p> <p>Cordset: Single-Ended A-Code M12 5-pin Straight Female Connector 5 m (16.4 ft) Black PVC Jacket Nickel-Plated Brass Coupling Nut</p>
	<p>MQDC1-530</p> <p>Cordset: Single-Ended M12 5-pin Straight Female 9 m (29.53 ft) 5x22 Black PVC Jacket Nickel-Plated Brass Coupling Nut</p>

	<p>SMBDX80LM30</p> <p>SMBDX80LM30 CLEAR ZINC COLD ROLLED STEEL DX80 DX80G2M6</p>
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