

# QS18VP6LDQ8

► QS18 SERIES ALL PURPOSE PHOTOELECTRIC SENSOR





WORLD-BEAM QS18 Series: Laser Diffuse  
 Range: 300 mm; Input: 10-30 V dc  
 Output: Complementary Solid-State PNP  
 4-pin M12 Integral QD  
 Part Number: 73045

CERTIFICATIONS



ACCESSORIES TO COMPLETE YOUR SYSTEM

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

	<p><b>SMB18A</b></p> <p>Bracket: 18 mm Right-Angle-mount                  Material: 11-Gauge Stainless Steel                  Curved Mounting Slot for Versatility/Orientation                  Clearance for M4 #8 Hardware</p>
	<p><b>BC-M12F4-22-5</b></p> <p>Cordset: Single-Ended M12                  4-pin Straight Female Connector                  5 m (16.4 ft) 4x22 Black PVC Jacket                  Nickel-Plated Brass Coupling Nut</p>

SPECIFICATIONS

Power	DC
Sensing Beam	Visible Red Laser
IP Rating	IP67
NEMA / UL Type Rating	NEMA 6
Supply Voltage	10-30 V dc
Item Status	RELEASED
Sensing Mode (General)	Proximity
Sensing Mode (Detailed)	Diffuse
Housing Style	Rectangular w/M18 Mount
Primary Housing Material	ABS
Laser Classification	Class 1
Small Visible Spot	Laser
Input/Output	Discrete
Max Sensing Distance (mm)	300
Outputs	PNP
Connection	Integral QD


Offline (Contact Us)


Quick Disconnect Type	M12
Operation	Light/Dark Operate
Min Op. Temperature (C)	-10
Max Op. Temp. (C)	50
Output response time (ms)	0.7
Sensing Beam Wavelength	650
Delay at Power-up (ms)	200
Repeatability (µs)	130
Number of Pins	4
Max Op. Relative Humidity [%]	95% @ 50°C
Lens Material	Acrylic
Adjustments	Potentiometer
Barrel Diameter (mm)	18
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
IO Link	No
EPLAN Status	Published
EPLAN Original Sent Date	11/25/2020





## COMPATIBLE PRODUCTS

### BRACKETS

<b>SMB312S</b> Bracket: Side Mounting Material: Stainless Steel 2-axis
<b>SMBQS18Y</b> SMBQS18Y Bracket: Sensor Side Mount with Threaded M18x1 Base
<b>SMBQS18A</b> SMBQS18 A Bracket: Protective with 18 mm Base Mount
<b>SMB30SUS</b> Bracket: Side Mounting Swivel Extended range of motion Black Thermoplastic Polyester Allows Maximum Articulation
<b>SMB46L</b> Bracket: L Material: 14-Gauge 316 Stainless Steel

 Offline (Contact Us)

	<p><b>SMB46U</b></p> <p>Bracket: U Material: 14-Gauge 316 Stainless Steel</p>
	<p><b>SMBQS18RA</b></p> <p>SMBQS18RA MOUNTING BRACKET</p>
	<p><b>SMB4050YL</b></p> <p>SMB4050YL MOUNTING BRACKET ASSY W/REPLACEABLE LENS COVER</p>
	<p><b>SMB46S</b></p> <p>Bracket: S Material: 14-Gauge 316 Stainless Steel</p>
	<p><b>SMBQS18DIN</b></p> <p>SMBQS18DIN MOUNTING BRACKET ASSY</p>
	<p><b>SMB18A</b></p> <p>Bracket: 18 mm Right-Angle-mount Material: 11-Gauge Stainless Steel Curved Mounting Slot for Versatility/Orientation Clearance for M4 #8 Hardware</p>

	<p><b>BC-M12F4-22-10</b></p> <p>Cordset: Single-Ended M12 4-pin Straight Female Connector 10 m (32.8 ft) 4x22 Black PVC Jacket Nickel-Plated Brass Coupling Nut</p>
	<p><b>BC-M12F4-22-15</b></p> <p>Cordset: Single-Ended M12 4-pin Straight Female Connector 15 m (49.2 ft) 4x22 Black PVC Jacket Nickel-Plated Brass Coupling Nut</p>
	<p><b>BC-M12F4-22-2</b></p> <p>Cordset: Single-Ended M12 4-pin Straight Female Connector 2 m (6.56 ft) 4x22 Black PVC Jacket Nickel-Plated Brass Coupling Nut</p>
	<p><b>BC-M12F4-22-5</b></p> <p>Cordset: Single-Ended M12 4-pin Straight Female Connector 5 m (16.4 ft) 4x22 Black PVC Jacket Nickel-Plated Brass Coupling Nut</p>
	<p><b>BC-M12F4A-22-10</b></p> <p>Cordset: Single-Ended M12 4-pin Right-Angle Female Connector 10 m (32.8 ft) 4x22 Black PVC Jacket Nickel-Plated Brass Coupling Nut</p>
	<p><b>BC-M12F4A-22-15</b></p> <p>Cordset: Single-Ended M12 4-pin Right-Angle Female Connector 15 m (49.2 ft) 4x22 Black PVC Jacket Nickel-Plated Brass Coupling Nut</p>
	<p><b>BC-M12F4A-22-2</b></p> <p>Cordset: Single-Ended M12 4-pin Right-Angle Female Connector 2 m (6.56 ft) 4x22 Black PVC Jacket Nickel-Plated Brass Coupling Nut</p>
	<p><b>BC-M12F4A-22-5</b></p> <p>Cordset: Single-Ended M12 4-pin Right-Angle Female Connector 5 m (16.4 ft) 4x22 Black PVC Jacket Nickel-Plated Brass Coupling Nut</p>

 Offline (Contact Us)

 Offline (Contact Us)