



## QS186LE211

### ► QS18 SERIES ALL PURPOSE PHOTOELECTRIC SENSOR



WORLD-BEAM QS18 Series: Laser Class 2; Vertical  
Li

Range: 15 m; Input: 10-30V dc

Output: Not Applicable

2m (6.5 ft) Cable

Part Number: 75762

#### CERTIFICATIONS








#### SPECIFICATIONS

<b>Sensing Mode (General)</b>	Opposed
<b>Sensing Mode (Detailed)</b>	Laser Emitter
<b>Housing Style</b>	Rectangular w/M18 Mount
<b>Primary Housing Material</b>	Thermoplastic
<b>Laser Classification</b>	Class 2
<b>Input/Output</b>	Discrete
<b>Max Sensing Range (mm)</b>	15000
<b>Outputs</b>	N/A
<b>Power Supply/Supply Voltage</b>	10-30 V dc
<b>Connection</b>	2 m Cable
<b>Quick Disconnect Type</b>	No QD

<b>Sensing Beam</b>	Laser
<b>Operation</b>	N/A
<b>Max Op. Temp. (°C)</b>	50
<b>Min Op. Temp. (°C)</b>	-10
<b>Output response time (ms)</b>	N/A
<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>Sensing Beam Wavelength</b>	650
<b>Delay at Power-up (ms)</b>	10
<b>Repeatability (µs)</b>	N/A
<b>Number of Pins</b>	4
<b>NEMA Rating</b>	NEMA 6
<b>Max Op. Relative Humidity [%]</b>	95% @ 50°C
<b>Lens Material</b>	PMMA
<b>Adjustments</b>	N/A
<b>Barrel Diameter (mm)</b>	18
<b>Indicator</b>	LEDs
<b>Opposed Mode Emitter/Receiver</b>	Emitter
<b>Feature: Timing (Hold/Delay)</b>	No
<b>Feature: Encapsulated</b>	No
<b>Feature: Hazardous Area</b>	No
<b>Feature: Audible</b>	No
<b>Feature: Chemical Resistant</b>	No
<b>IO Link</b>	No

## RECOMMENDED PRODUCTS

**ADAPTERS, BRACKETS, CLAMPS AND MOUNTING ACCESSORIES**

	<b>SMB18A</b>
	Bracket: 18 mm Right Angle-mount; Material: 11 Gauge Stainless Steel; Curved mounting slot for versatility/orientation ; Clearance for M4 #8 hardware
	<b>SMB312S</b>
	Bracket: Side Mounting; Material: Stainless Steel 2-axis
	<b>SMB46A</b>
	Bracket: Adjustable; Stainless Steel; Includes: 2 mm shortarm hex keys
	<b>SMBQS18A</b>
	SMBQS18A MOUNTING BRACKET ASSY
	<b>SMBQS18Y</b>
	SMBQS18Y MOUNTING BRACKET ASSY



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