



## QS186EV /W30

### ► QS18 SERIES ALL PURPOSE PHOTOELECTRIC SENSOR



WORLD-BEAM QS18 Series: Visible Red Emitter

Range: 20 m; Input: 10-30 V dc

Output: Not applicable - No outputs

2 m (30 ft) Cable

Part Number: 86442

#### CERTIFICATIONS



#### SPECIFICATIONS

<b>Sensing Mode (General)</b>	Opposed
<b>Sensing Mode (Detailed)</b>	Emitter
<b>Housing Style</b>	Rectangular w/M18 Mount
<b>Primary Housing Material</b>	Thermoplastic
<b>Input/Output</b>	Discrete
<b>Max Sensing Range (mm)</b>	20000
<b>Power Supply/Supply Voltage</b>	10-30 V dc
<b>Connection</b>	9 m Cable
<b>Quick Disconnect Type</b>	No QD
<b>Sensing Beam</b>	Visible Red LED
<b>Operation</b>	N/A

<b>Max Op. Temp. (°C)</b>	70
<b>Min Op. Temp. (°C)</b>	-20
<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>Delay at Power-up (ms)</b>	100
<b>Repeatability (µs)</b>	100
<b>Number of Pins</b>	2
<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>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

	<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>SMB312S</b></p> <p>Bracket: Side Mounting; Material: Stainless Steel 2-axis</p>

## APERTURES

	<p><b>APQS18-020</b></p> <p>APQS18-020 APERTURE QS18 SERIES - QTY 6</p>
	<p><b>APQS18-020H</b></p> <p>APQS18-020H APERTURE QS18 SERIES - QTY 6</p>
	<p><b>APQS18-020V</b></p> <p>APQS18-020V APERTURE QS18 SERIES - QTY 6</p>
	<p><b>APQS18-040</b></p> <p>APQS18-040 APERTURE QS18 SERIES QTY 6</p>
	<p><b>APQS18-040H</b></p> <p>APQS18-040H APERTURE QS18 SERIES - QTY 6</p>
	<p><b>APQS18-040V</b></p> <p>APQS18-040V APERTURE QS18 SERIES - QTY 6</p>
	<p><b>APQS18-100</b></p> <p>APQS18-100 APERTURE QS18 SERIES QTY 6</p>
	<p><b>APQS18-100H</b></p> <p>APQS18-100H APERTURE QS18 SERIES QTY 6</p>
	<p><b>APQS18-100V</b></p> <p>APQS18-100V APERTURE QS18 SERIES QTY 6</p>
	<p><b>APQS18-DVHX2</b></p> <p>APQS18-DVHX2 APERTURE QS18 SERIES QTY 18</p>



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