



## QS18VP6LAF250

### ► QS18 SERIES ALL PURPOSE PHOTOELECTRIC SENSOR



WORLD-BEAM QS18 LASER ADJUSTABLE FIELD;  
CLASS 2

Rng: 20 mm-Cutoff pt (adj btwn 50-250 mm); Input:

Output: PNP

2m Cable

Part Number: 75739

#### CERTIFICATIONS






#### SPECIFICATIONS

<b>Sensing Mode (General)</b>	Proximity
<b>Sensing Mode (Detailed)</b>	Background Suppression (Adjustable)
<b>Housing Style</b>	Rectangular
<b>Primary Housing Material</b>	Thermoplastic
<b>Laser Classification</b>	Class 2
<b>Input/Output</b>	Discrete
<b>Max Sensing Range (mm)</b>	250
<b>Outputs</b>	PNP
<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>	Light/Dark Operate
<b>Max Op. Temp. (°C)</b>	50
<b>Min Op. Temp. (°C)</b>	-10
<b>Output response time (ms)</b>	0.7
<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>	658
<b>Delay at Power-up (ms)</b>	200
<b>Repeatability (µs)</b>	130
<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>	Acrylic
<b>Adjustments</b>	Mechanical Screw
<b>Barrel Diameter (mm)</b>	N/A
<b>Indicator</b>	LEDs
<b>Opposed Mode Emitter/Receiver</b>	N/A
<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>SMBQS18AF</b>  SMBQS18AF MOUNTING BRACKET ASSY
	<b>SMBQS18YL</b>  SMBQS18YL MOUNTING BRACKET ASSY W/REPLACEABLE LENS COVER



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