



# QS18VP6LAFQ

## ► QS18 SERIES ALL PURPOSE PHOTOELECTRIC SENSOR



WORLD-BEAM QS18 Series: Adjustable-Field  
Range: 1 mm to cutoff pt; Adjust. cutoff pt 30-150 mm  
Output: Complementary Solid State PNP  
6 in Pigtail Pico-Style Pigtail QD Connector  
Part Number: 73190

### CERTIFICATIONS





### SPECIFICATIONS

Sensing Mode (General)	Proximity
Sensing Mode (Detailed)	Background Suppression (Adjustable)
Housing Style	Rectangular
Primary Housing Material	Thermoplastic
Laser Classification	Class 1
Input/Output	Discrete
Max Sensing Range (mm)	150
Outputs	PNP
Power Supply/Supply Voltage	10-30 V dc
Connection	Pigtail QD
Quick Disconnect Type	M8 (Pico)

<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>	650
<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

SINGLE ENDED CORDSETS

	<p><b>PKG4-2</b></p> <p>Pico-style Quick Disconnect Cable; 4 Pin Straight Connector; 2 m (6.5 ft) in Length; POM snap-lock coupling</p>
	<p><b>PKW4Z-2</b></p> <p>Pico-style Quick Disconnect Cable; 4 Pin Right Angle Connector; 2 m (6.5 ft) in Length; POM snap-lock coupling</p>

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>SMBQS18AF</b></p> <p>SMBQS18AF MOUNTING BRACKET ASSY</p>
	<p><b>SMBQS18YL</b></p> <p>SMBQS18YL MOUNTING BRACKET ASSY W/REPLACEABLE LENS COVER</p>



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