



QS18VP6LAF250Q

► 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

150mm Pigtail Pico Pigtail QD Connector

Part Number: 75741

CERTIFICATIONS





SPECIFICATIONS

Sensing Mode (General)	Proximity
Sensing Mode (Detailed)	Background Suppression (Adjustable)
Housing Style	Rectangular
Primary Housing Material	Thermoplastic
Laser Classification	Class 2
Input/Output	Discrete
Max Sensing Range (mm)	250
Outputs	PNP
Power Supply/Supply Voltage	10-30 V dc
Connection	Pigtail QD
Quick Disconnect Type	M8 (Pico)

Sensing Beam	Laser
Operation	Light/Dark Operate
Max Op. Temp. (°C)	50
Min Op. Temp. (°C)	-10
Output response time (ms)	0.7
Special Feature: Intrinsically Safe	No
Special Feature: Remote Teach	No
Special Feature: Water Detection	No
IP Rating	IP67
Sensing Beam Wavelength	658
Delay at Power-up (ms)	200
Repeatability (µs)	130
Number of Pins	4
NEMA Rating	NEMA 6
Max Op. Relative Humidity [%]	95% @ 50°C
Lens Material	Acrylic
Adjustments	Mechanical Screw
Barrel Diameter (mm)	N/A
Indicator	LEDs
Opposed Mode Emitter/Receiver	N/A
Feature: Timing (Hold/Delay)	No
Feature: Encapsulated	No
Feature: Hazardous Area	No
Feature: Audible	No
Feature: Chemical Resistant	No
IO Link	No

RECOMMENDED PRODUCTS

SINGLE ENDED CORDSETS

	<p>PKG4-2</p>
	<p>Pico-style Quick Disconnect Cable; 4 Pin Straight Connector; 2 m (6.5 ft) in Length; POM snap-lock coupling</p>
	<p>PKW4Z-2</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>SMB18A</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>SMBQS18AF</p>
	<p>SMBQS18AF MOUNTING BRACKET ASSY</p>
	<p>SMBQS18YL</p>
	<p>SMBQS18YL MOUNTING BRACKET ASSY W/REPLACEABLE LENS COVER</p>



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