



QS186LE211Q7

► QS18 SERIES ALL PURPOSE PHOTOELECTRIC SENSOR



WORLD-BEAM QS18 Series: Laser Class 2; Vertical Line
Range: 15 m; Input: 10-30 V dc
Output: Not Applicable
Pico 4-pin Integral Quick-Disconnect Connector
Part Number: 75964

CERTIFICATIONS



SPECIFICATIONS

Sensing Mode (General)	Opposed
Sensing Mode (Detailed)	Laser Emitter
Housing Style	Rectangular w/M18 Mount
Primary Housing Material	Thermoplastic
Laser Classification	Class 2
Input/Output	Discrete
Max Sensing Range (mm)	15000
Outputs	N/A
Power Supply/Supply Voltage	10-30 V dc
Connection	Integral QD
Quick Disconnect Type	M8 (Pico)

Sensing Beam	Laser
Operation	N/A
Max Op. Temp. (°C)	50
Min Op. Temp. (°C)	-10
Output response time (ms)	N/A
Special Feature: Intrinsically Safe	No
Special Feature: Remote Teach	No
Special Feature: Water Detection	No
IP Rating	IP67
Sensing Beam Wavelength	650
Delay at Power-up (ms)	10
Repeatability (µs)	N/A
Number of Pins	4
NEMA Rating	NEMA 6
Max Op. Relative Humidity [%]	95% @ 50°C
Lens Material	PMMA
Adjustments	N/A
Barrel Diameter (mm)	18
Indicator	LEDs
Opposed Mode Emitter/Receiver	Emitter
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

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

ADAPTERS, BRACKETS, CLAMPS AND MOUNTING ACCESSORIES

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



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