



QS186EVQ7

► 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
Pico Integral Quick-Disconnect
Part Number: 86443

CERTIFICATIONS



SPECIFICATIONS

Sensing Mode (General)	Opposed
Sensing Mode (Detailed)	Emitter
Housing Style	Rectangular w/M18 Mount
Primary Housing Material	Thermoplastic
Input/Output	Discrete
Max Sensing Range (mm)	20000
Power Supply/Supply Voltage	10-30 V dc
Connection	Integral QD
Quick Disconnect Type	M8 (Pico)
Sensing Beam	Visible Red LED
Operation	N/A

Max Op. Temp. (°C)	70
Min Op. Temp. (°C)	-20
Output response time (ms)	N/A
Special Feature: Intrinsically Safe	No
Special Feature: Remote Teach	No
Special Feature: Water Detection	No
IP Rating	IP67
Delay at Power-up (ms)	100
Repeatability (µs)	100
Number of Pins	4
NEMA Rating	NEMA 6
Max Op. Relative Humidity [%]	95% @ 50°C
Lens Material	Acrylic
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

APERTURES

	APQS18-020 APQS18-020 APERTURE QS18 SERIES - QTY 6
	APQS18-020H APQS18-020H APERTURE QS18 SERIES - QTY 6
	APQS18-020V APQS18-020V APERTURE QS18 SERIES - QTY 6
	APQS18-040 APQS18-040 APERTURE QS18 SERIES QTY 6
	APQS18-040H APQS18-040H APERTURE QS18 SERIES - QTY 6
	APQS18-040V APQS18-040V APERTURE QS18 SERIES - QTY 6
	APQS18-100 APQS18-100 APERTURE QS18 SERIES QTY 6
	APQS18-100H APQS18-100H APERTURE QS18 SERIES QTY 6

	APQS18-100V APQS18-100V APERTURE QS18 SERIES QTY 6
	APQS18-DVHX2 APQS18-DVHX2 APERTURE QS18 SERIES QTY 18



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