



QS186EV

► 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

2 m (6.5 ft) Cable

Part Number: 86441

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	2 m Cable
Quick Disconnect Type	No QD
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	2
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

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>SMB312S</p> <p>Bracket: Side Mounting; Material: Stainless Steel 2-axis</p>

APERTURES

	<p>APQS18-020</p> <p>APQS18-020 APERTURE QS18 SERIES - QTY 6</p>
	<p>APQS18-020H</p> <p>APQS18-020H APERTURE QS18 SERIES - QTY 6</p>
	<p>APQS18-020V</p> <p>APQS18-020V APERTURE QS18 SERIES - QTY 6</p>
	<p>APQS18-040</p> <p>APQS18-040 APERTURE QS18 SERIES QTY 6</p>
	<p>APQS18-040H</p> <p>APQS18-040H APERTURE QS18 SERIES - QTY 6</p>
	<p>APQS18-040V</p> <p>APQS18-040V APERTURE QS18 SERIES - QTY 6</p>
	<p>APQS18-100</p> <p>APQS18-100 APERTURE QS18 SERIES QTY 6</p>
	<p>APQS18-100H</p> <p>APQS18-100H APERTURE QS18 SERIES QTY 6</p>
	<p>APQS18-100V</p> <p>APQS18-100V APERTURE QS18 SERIES QTY 6</p>
	<p>APQS18-DVHX2</p> <p>APQS18-DVHX2 APERTURE QS18 SERIES QTY 18</p>



Banner Engineering Corp. | 9714 Tenth Avenue North | Minneapolis, MN 55441 | United States of America