

# QS186EV /W30

## 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 (30 ft) Cable

Part Number: 86442

#### **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	9 m Cable
Quick Disconnect Type	No QD
Sensing Beam	Visible Red LED
Operation	N/A
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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
A d j u s t m e n t s	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



#### SMB18A

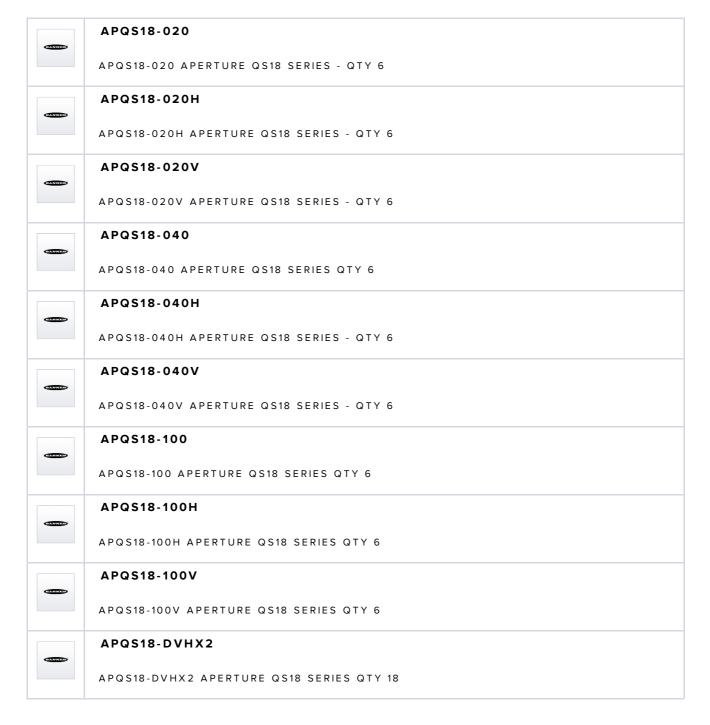
Bracket: 18 mm Right Angle-mount; Material: 11 Gauge Stainless Steel; Curved mounting slot for versatility/orientation; Clearance for M4 #8 hardware



#### **SMB312S**

Bracket: Side Mounting; Material: Stainless Steel 2-axis

## **APERTURES**





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