

# QS186LE12

### QS18 SERIES ALL PURPOSE PHOTOELECTRIC SENSOR



WORLD-BEAM QS18 Series: Laser Class 1; Horizontal Line

Range: 15 m; Input: 10-30V dc

Output: Not Applicable

2m (6.5 ft) Cable

Part Number: 02758

### CERTIFICATIONS









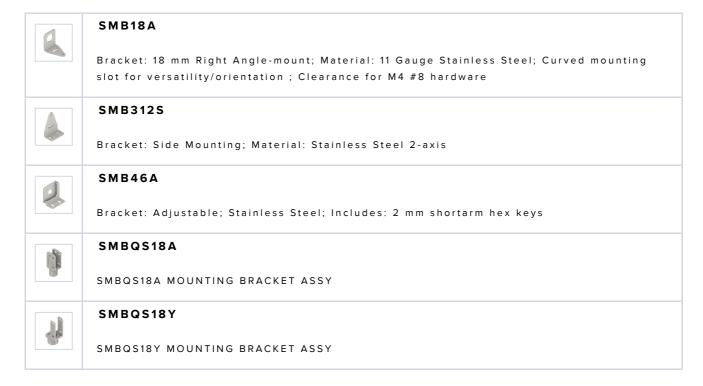
# **SPECIFICATIONS**

Sensing Mode (General)	Opposed
Sensing Mode (Detailed)	Laser Emitter
Housing Style	Rectangular w/M18 Mount
Primary Housing Material	Thermoplastic
Laser Classification	Class 1
Input/Output	Discrete
Max Sensing Range (mm)	15000
Outputs	N/A
Power Supply/Supply Voltage	10-30 V dc
Connection	2 m Cable
Quick Disconnect Type	No QD

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)	250
Repeatability (μs)	N/A
Number of Pins	4
NEMA Rating	NEMA 6
NEMA Rating  Max Op. Relative Humidity [%]	NEMA 6 95% @ 50°C
Max Op. Relative Humidity [%]	95% @ 50°C
Max Op. Relative Humidity [%]  Lens Material	95% @ 50°C PMMA
Max Op. Relative Humidity [%]  Lens Material  Adjustments	95% @ 50°C  PMMA  N/A
Max Op. Relative Humidity [%]  Lens Material  Adjustments  Barrel Diameter (mm)	95% @ 50°C  PMMA  N/A  18
Max Op. Relative Humidity [%]  Lens Material  Adjustments  Barrel Diameter (mm)  Indicator	95% @ 50°C  PMMA  N/A  18  LEDs
Max Op. Relative Humidity [%]  Lens Material  Adjustments  Barrel Diameter (mm)  Indicator  Opposed Mode Emitter/Receiver	95% @ 50°C  PMMA  N/A  18  LEDs  Emitter
Max Op. Relative Humidity [%]  Lens Material  Adjustments  Barrel Diameter (mm)  Indicator  Opposed Mode Emitter/Receiver  Feature: Timing (Hold/Delay)	95% @ 50°C  PMMA  N/A  18  LEDs  Emitter  No
Max Op. Relative Humidity [%]  Lens Material  Adjustments  Barrel Diameter (mm)  Indicator  Opposed Mode Emitter/Receiver  Feature: Timing (Hold/Delay)  Feature: Encapsulated	95% @ 50°C  PMMA  N/A  18  LEDs  Emitter  No
Max Op. Relative Humidity [%]  Lens Material  Adjustments  Barrel Diameter (mm)  Indicator  Opposed Mode Emitter/Receiver  Feature: Timing (Hold/Delay)  Feature: Encapsulated  Feature: Hazardous Area	95% @ 50°C  PMMA  N/A  18  LEDs  Emitter  No  No

# RECOMMENDED PRODUCTS

# ADAPTERS, BRACKETS, CLAMPS AND MOUNTING ACCESSORIES





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