

# **QS18ANWDLC1**

## QS18 SERIES ALL PURPOSE PHOTOELECTRIC SENSOR



WORLD-BEAM QS18 Universal Voltage; Diffuse Visible Red

Range: 450 mm; Input: 20 to 270V ac/dc

Output:LO; N-MOSFET (Sinking)

2m (6.5 ft) 600 Volt Cable

Part Number: 81332

## CERTIFICATIONS









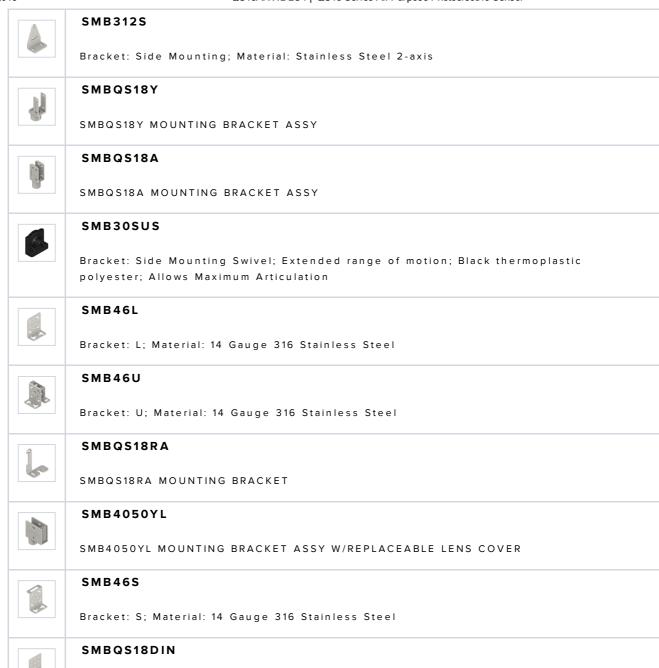
# **SPECIFICATIONS**

Sensing Mode (General)	Proximity
Sensing Mode (Detailed)	Diffuse
Housing Style	Rectangular w/M18 Mount
Primary Housing Material	Thermoplastic
Input/Output	Discrete
Max Sensing Range (mm)	450
Outputs	N-MOSFET (Sinking)
Power Supply/Supply Voltage	20-270 V ac/dc
Connection	2 m Cable
Quick Disconnect Type	No QD
Sensing Beam	Visible Red LED

Operation	Light Operate
Max Op. Temp. (°C)	70 if < 140V, 55 if > 140V
Min Op. Temp. (°C)	-25
Output response time (ms)	8.3
Special Feature: Intrinsically Safe	No
Special Feature: Remote Teach	No
Special Feature: Water Detection	No
IP Rating	IP 6 7
Delay at Power-up (ms)	100ms dc, 300ms ac
Repeatability (μs)	1500
Number of Pins	3
NEMA Rating	NEMA 6
Max Op. Relative Humidity [%]	95% @ 55°C
Lens Material	PMMA
A d j u s t m e n t s	Potentiometer
Barrel Diameter (mm)	18
Indicator	LEDs
Opposed Mode Emitter/Receiver	N/A
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





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

SMBQS18DIN MOUNTING BRACKET ASSY