



QS18ANWDL W/30

► QS18 SERIES ALL PURPOSE PHOTOELECTRIC SENSOR



WORLD-BEAM QS18 Universal Volt; Diffuse Visble R
Range: 450 mm; Input: 20 to 270V ac/dc
Output:LO; N-MOSFET (Sinking)
9 m (30 ft) Cable
Part Number: 79553

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	9 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	IP67
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
Adjustments	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

	SMB312S Bracket: Side Mounting; Material: Stainless Steel 2-axis
	SMBQS18Y SMBQS18Y MOUNTING BRACKET ASSY
	SMBQS18A SMBQS18A MOUNTING BRACKET ASSY
	SMB30SUS Bracket: Side Mounting Swivel; Extended range of motion; Black thermoplastic polyester; Allows Maximum Articulation
	SMB46L Bracket: L; Material: 14 Gauge 316 Stainless Steel
	SMB46U Bracket: U; Material: 14 Gauge 316 Stainless Steel
	SMBQS18RA SMBQS18RA MOUNTING BRACKET
	SMB4050YL SMB4050YL MOUNTING BRACKET ASSY W/REPLACEABLE LENS COVER
	SMB46S Bracket: S; Material: 14 Gauge 316 Stainless Steel
	SMBQS18DIN SMBQS18DIN MOUNTING BRACKET ASSY



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