



QS18RPWDXLQ2

► QS18 SERIES ALL PURPOSE PHOTOELECTRIC SENSOR



WORLD-BEAM QS18 Univ Volt; Diffuse: Infrared
Range: 1 m; Input: 20 to 140V ac/dc
Output: D.O. P-MOSFET (Sourcing)
150mm Pigtail Micro Pigtail QD Connector
Part Number: 79813

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)	1000
Outputs	P-MOSFET (Sourcing)
Power Supply/Supply Voltage	20-140 V ac/dc
Connection	Pigtail QD
Quick Disconnect Type	1/2 in. (Micro)
Sensing Beam	Infrared LED

Operation	Dark Operate
Max Op. Temp. (°C)	70
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	4
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

SINGLE ENDED CORDSETS

	MQAC-406 Micro-style Quick Disconnect Cable; 4 Pin Straight Connector; 2 m (6.5 ft) in Length; Chrome plated brass coupling nut
	MQAC-415 Micro-style Quick Disconnect Cable; 4 Pin Straight Connector; 5 m (15 ft) in Length; Chrome plated brass coupling nut
	MQAC-430 Micro-style Quick Disconnect Cable; 4 Pin Straight Connector; 9 m (30 ft) in Length; Chrome plated brass coupling nut

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



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