



QS18RPWDLQ2

► QS18 SERIES ALL PURPOSE PHOTOELECTRIC SENSOR



WORLD-BEAM QS18 Univ Volt; Diffuse: Visible Red

Range: 450 mm; Input: 20 to 140V ac/dc

Output: D.O. P-MOSFET (Sourcing)

150mm Pigtail Micro Pigtail QD Connector

Part Number: 79582

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

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

ADAPTERS, BRACKETS, CLAMPS AND MOUNTING ACCESSORIES

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



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