



## QS18VN6RBQ5

### ► QS18 SERIES ALL PURPOSE PHOTOELECTRIC SENSOR



WORLD-BEAM QS18 Series: Receiver (FLush Front)

Range: 3m; Input: 10-30V dc

Output: Complementary Solid State NPN

6 in Pigtail EURO-Style Pigtail QD Connector

Part Number: 64590

#### CERTIFICATIONS



#### SPECIFICATIONS

<b>Sensing Mode (General)</b>	Opposed
<b>Sensing Mode (Detailed)</b>	Receiver
<b>Housing Style</b>	Rectangular
<b>Primary Housing Material</b>	Thermoplastic
<b>Input/Output</b>	Discrete
<b>Max Sensing Range (mm)</b>	3000
<b>Outputs</b>	NPN
<b>Power Supply/Supply Voltage</b>	10-30 V dc
<b>Connection</b>	Pigtail QD
<b>Quick Disconnect Type</b>	M12 (Euro)
<b>Operation</b>	Light/Dark Operate

<b>Max Op. Temp. (°C)</b>	70
<b>Min Op. Temp. (°C)</b>	-20
<b>Output response time (ms)</b>	0.75 ON/0.375 OFF
<b>Special Feature: Intrinsically Safe</b>	No
<b>Special Feature: Remote Teach</b>	No
<b>Special Feature: Water Detection</b>	No
<b>IP Rating</b>	IP67
<b>Delay at Power-up (ms)</b>	100
<b>Repeatability (µs)</b>	100
<b>Number of Pins</b>	4
<b>NEMA Rating</b>	NEMA 6
<b>Max Op. Relative Humidity [%]</b>	95% @ 50°C
<b>Lens Material</b>	Acrylic
<b>Adjustments</b>	N/A
<b>Barrel Diameter (mm)</b>	N/A
<b>Indicator</b>	LEDs
<b>Opposed Mode Emitter/Receiver</b>	Receiver
<b>Feature: Timing (Hold/Delay)</b>	No
<b>Feature: Encapsulated</b>	No
<b>Feature: Hazardous Area</b>	No
<b>Feature: Audible</b>	No
<b>Feature: Chemical Resistant</b>	No
<b>IO Link</b>	No

## RECOMMENDED PRODUCTS

## SINGLE ENDED CORDSETS

	<p><b>MQDC-406</b></p> <p>Euro-style Quick Disconnect Cable; 4-Pin Straight Connector; 2 m (6.5 ft) in Length; Nickel-plated Brass Coupling Nut</p>
	<p><b>MQDC-406RA</b></p> <p>Euro-Style Quick Disconnect Cable; 4-Pin Right-Angle Connector; 2 m (6.5 ft) in Length; Nickel-plated brass coupling nut</p>
	<p><b>MQDC-415</b></p> <p>Euro-style Quick Disconnect Cable; 4-Pin Straight Connector; 5 m (15 ft) in Length; Nickel-plated Brass Coupling Nut.</p>
	<p><b>MQDC-415RA</b></p> <p>Euro-Style Quick Disconnect Cable; 4-Pin Right-Angle Connector; 5 m (15 ft) in Length; Nickel-plated brass coupling nut</p>
	<p><b>MQDC-430</b></p> <p>Euro-style Quick Disconnect Cable; 4-Pin Straight Connector; 9 m (30 ft) in Length; Nickel-plated Brass Coupling Nut</p>
	<p><b>MQDC-430RA</b></p> <p>Euro-Style Quick Disconnect Cable; 4-Pin Right-Angle Connector; 9 m (30 ft) in Length; Nickel-plated brass coupling nut</p>
	<p><b>MQDC-450</b></p> <p>Euro-Style Quick Disconnect Cable; 4-Pin Straight Connector; 15 m (50 ft) in Length; Nickel-plated Brass Coupling Nut</p>
	<p><b>MQDC-450RA</b></p> <p>Euro-Style Quick Disconnect Cable; 4-Pin Right-Angle Connector; 15 m (50 ft) in Length; Nickel-plated brass coupling nut</p>

## ADAPTERS, BRACKETS, CLAMPS AND MOUNTING ACCESSORIES

	<p><b>SMB18A</b></p> <p>Bracket: 18 mm Right Angle-mount; Material: 11 Gauge Stainless Steel; Curved mounting slot for versatility/orientation ; Clearance for M4 #8 hardware</p>
	<p><b>SMB312S</b></p> <p>Bracket: Side Mounting; Material: Stainless Steel 2-axis</p>

## APERTURES

	<b>APQS18-020</b> APQS18-020 APERTURE QS18 SERIES - QTY 6
	<b>APQS18-020H</b> APQS18-020H APERTURE QS18 SERIES - QTY 6
	<b>APQS18-020V</b> APQS18-020V APERTURE QS18 SERIES - QTY 6
	<b>APQS18-040</b> APQS18-040 APERTURE QS18 SERIES QTY 6
	<b>APQS18-040H</b> APQS18-040H APERTURE QS18 SERIES - QTY 6
	<b>APQS18-040V</b> APQS18-040V APERTURE QS18 SERIES - QTY 6
	<b>APQS18-100</b> APQS18-100 APERTURE QS18 SERIES QTY 6
	<b>APQS18-100H</b> APQS18-100H APERTURE QS18 SERIES QTY 6
	<b>APQS18-100V</b> APQS18-100V APERTURE QS18 SERIES QTY 6
	<b>APQS18-DVHX2</b> APQS18-DVHX2 APERTURE QS18 SERIES QTY 18



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

