



# QS18VN6WQ5

## ► QS18 SERIES ALL PURPOSE PHOTOELECTRIC SENSOR



WORLD-BEAM QS18 Series: Divergent Diffuse  
Range: 100mm; Input: 10-30V dc  
Output: Complementary Solid State NPN  
6 in Pigtail EURO-Style Pigtail QD Connector  
Part Number: 64592

### CERTIFICATIONS



### SPECIFICATIONS

Sensing Mode (General)	Proximity
Sensing Mode (Detailed)	Divergent
Housing Style	Rectangular
Primary Housing Material	Thermoplastic
Input/Output	Discrete
Max Sensing Range (mm)	100
Outputs	NPN
Power Supply/Supply Voltage	10-30 V dc
Connection	Pigtail QD
Quick Disconnect Type	M12 (Euro)
Sensing Beam	Infrared LED

<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>	0.6
<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>	150
<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>	N/A
<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

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

## ADAPTERS, BRACKETS, CLAMPS AND MOUNTING ACCESSORIES

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



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