



QS18VN6RBQ

► QS18 SERIES ALL PURPOSE PHOTOELECTRIC SENSOR



WORLD-BEAM QS18 Series: Receiver (FLush Front)

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

Output: Complementary Solid State NPN

6 in Pigtail PICO-Style Pigtail QD Connector

Part Number: 61670

CERTIFICATIONS



SPECIFICATIONS

Sensing Mode (General)	Opposed
Sensing Mode (Detailed)	Receiver
Housing Style	Rectangular
Primary Housing Material	Thermoplastic
Input/Output	Discrete
Max Sensing Range (mm)	3000
Outputs	NPN
Power Supply/Supply Voltage	10-30 V dc
Connection	Pigtail QD
Quick Disconnect Type	M8 (Pico)
Operation	Light/Dark Operate



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

	PKG4-2
	Pico-style Quick Disconnect Cable; 4 Pin Straight Connector; 2 m (6.5 ft) in Length; POM snap-lock coupling
	PKW4Z-2
	Pico-style Quick Disconnect Cable; 4 Pin Right Angle Connector; 2 m (6.5 ft) in Length; POM snap-lock coupling

ADAPTERS, BRACKETS, CLAMPS AND MOUNTING ACCESSORIES

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

APERTURES

	APQS18-020
	APQS18-020 APERTURE QS18 SERIES - QTY 6
	APQS18-020H
	APQS18-020H APERTURE QS18 SERIES - QTY 6
	APQS18-020V
	APQS18-020V APERTURE QS18 SERIES - QTY 6
	APQS18-040
	APQS18-040 APERTURE QS18 SERIES QTY 6
	APQS18-040H
	APQS18-040H APERTURE QS18 SERIES - QTY 6
	APQS18-040V
	APQS18-040V APERTURE QS18 SERIES - QTY 6
	APQS18-100
	APQS18-100 APERTURE QS18 SERIES QTY 6
	APQS18-100H
	APQS18-100H APERTURE QS18 SERIES QTY 6

	APQS18-100V APQS18-100V APERTURE QS18 SERIES QTY 6
	APQS18-DVHX2 APQS18-DVHX2 APERTURE QS18 SERIES QTY 18



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