



QS18VP6RB

► QS18 SERIES ALL PURPOSE PHOTOELECTRIC SENSOR



WORLD-BEAM: QS18 Series: Receiver (Flush Front)

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

Output: Complementary Solid State PNP

2 m (6.5 ft) Cable

Part Number: 61672

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 | PNP |
| Power Supply/Supply Voltage | 10-30 V dc |
| Connection | 2 m Cable |
| Quick Disconnect Type | No QD |
| 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

ADAPTERS, BRACKETS, CLAMPS AND MOUNTING ACCESSORIES

| | |
|---|---|
|  | <p>SMB18A</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>SMB312S</p> <p>Bracket: Side Mounting; Material: Stainless Steel 2-axis</p> |

APERTURES

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



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