



QS18VP6DQ

► QS18 SERIES ALL PURPOSE PHOTOELECTRIC SENSOR



WORLD-BEAM QS18 Series: Diffuse

Range: 450 mm; Input: 10-30V dc

Output: Complementary Solid State PNP

6 in Pigtail PICO-Style Pigtail QD Connector

Part Number: 61655

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 | PNP |
| Power Supply/Supply Voltage | 10-30 V dc |
| Connection | Pigtail QD |
| Quick Disconnect Type | M8 (Pico) |
| Sensing Beam | Infrared LED |











| | |
|--|--------------------|
| Operation | Light/Dark Operate |
| Max Op. Temp. (°C) | 70 |
| Min Op. Temp. (°C) | -20 |
| Output response time (ms) | 0.6 |
| 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) | 150 |
| Number of Pins | 4 |
| NEMA Rating | NEMA 6 |
| Max Op. Relative Humidity [%] | 95% @ 50°C |
| Lens Material | Acrylic |
| 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>PKG4-2</p> <p>Pico-style Quick Disconnect Cable; 4 Pin Straight Connector; 2 m (6.5 ft) in Length; POM snap-lock coupling</p> |
|  | <p>PKW4Z-2</p> <p>Pico-style Quick Disconnect Cable; 4 Pin Right Angle Connector; 2 m (6.5 ft) in Length; POM snap-lock coupling</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