



QS186LE214Q7

► QS18 SERIES ALL PURPOSE PHOTOELECTRIC SENSOR



WORLD-BEAM QS18 Series: Laser Class 2; Cross

Range: 15 m; Input: 10-30 V dc

Output: Not Applicable

Pico 4-pin Integral Quick-Disconnect

Part Number: 75973

CERTIFICATIONS





SPECIFICATIONS

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|------------------------------------|-------------------------|
| Sensing Mode (General) | Opposed |
| Sensing Mode (Detailed) | Laser Emitter |
| Housing Style | Rectangular w/M18 Mount |
| Primary Housing Material | Thermoplastic |
| Laser Classification | Class 2 |
| Input/Output | Discrete |
| Max Sensing Range (mm) | 15000 |
| Outputs | N/A |
| Power Supply/Supply Voltage | 10-30 V dc |
| Connection | Integral QD |
| Quick Disconnect Type | M8 (Pico) |






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| Sensing Beam | Laser |
| Operation | N/A |
| Max Op. Temp. (°C) | 50 |
| Min Op. Temp. (°C) | -10 |
| Output response time (ms) | N/A |
| Special Feature: Intrinsically Safe | No |
| Special Feature: Remote Teach | No |
| Special Feature: Water Detection | No |
| IP Rating | IP67 |
| Sensing Beam Wavelength | 650 |
| Delay at Power-up (ms) | 10 |
| Repeatability (µs) | N/A |
| Number of Pins | 4 |
| NEMA Rating | NEMA 6 |
| Max Op. Relative Humidity [%] | 95% @ 50°C |
| Lens Material | PMMA |
| Adjustments | N/A |
| Barrel Diameter (mm) | 18 |
| Indicator | LEDs |
| Opposed Mode Emitter/Receiver | Emitter |
| 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

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|---|---|
|  | <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

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|  | <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> |
|  | <p>SMB46A</p> |
| | <p>Bracket: Adjustable; Stainless Steel; Includes: 2 mm shortarm hex keys</p> |
|  | <p>SMBQS18A</p> |
| | <p>SMBQS18A MOUNTING BRACKET ASSY</p> |
|  | <p>SMBQS18Y</p> |
| | <p>SMBQS18Y MOUNTING BRACKET ASSY</p> |



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