



QS186LE10Q5

► QS18 SERIES ALL PURPOSE PHOTOELECTRIC SENSOR



WORLD-BEAM QS18 Series: Laser Class 1; Circle

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

Output: Not Applicable

150mm (6 in) Pigtail Euro Pigtail QD Connector

Part Number: 71330

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 1 |
| Input/Output | Discrete |
| Max Sensing Range (mm) | 15000 |
| Outputs | N/A |
| Power Supply/Supply Voltage | 10-30 V dc |
| Connection | Pigtail QD |
| Quick Disconnect Type | M12 (Euro) |

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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) | 250 |
| 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>MQDC-406</p> <p>Euro-style Quick Disconnect Cable; 4-Pin Straight Connector; 2 m (6.5 ft) in Length; Nickel-plated Brass Coupling Nut</p> |
|  | <p>MQDC-406RA</p> <p>Euro-Style Quick Disconnect Cable; 4-Pin Right-Angle Connector; 2 m (6.5 ft) in Length; Nickel-plated brass coupling nut</p> |
|  | <p>MQDC-415</p> <p>Euro-style Quick Disconnect Cable; 4-Pin Straight Connector; 5 m (15 ft) in Length; Nickel-plated Brass Coupling Nut.</p> |
|  | <p>MQDC-415RA</p> <p>Euro-Style Quick Disconnect Cable; 4-Pin Right-Angle Connector; 5 m (15 ft) in Length; Nickel-plated brass coupling nut</p> |
|  | <p>MQDC-430</p> <p>Euro-style Quick Disconnect Cable; 4-Pin Straight Connector; 9 m (30 ft) in Length; Nickel-plated Brass Coupling Nut</p> |
|  | <p>MQDC-430RA</p> <p>Euro-Style Quick Disconnect Cable; 4-Pin Right-Angle Connector; 9 m (30 ft) in Length; Nickel-plated brass coupling nut</p> |
|  | <p>MQDC-450</p> <p>Euro-Style Quick Disconnect Cable; 4-Pin Straight Connector; 15 m (50 ft) in Length; Nickel-plated Brass Coupling Nut</p> |
|  | <p>MQDC-450RA</p> <p>Euro-Style Quick Disconnect Cable; 4-Pin Right-Angle Connector; 15 m (50 ft) in Length; Nickel-plated brass coupling nut</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> |

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|  | <p>SMBQS18A</p> <p>SMBQS18A MOUNTING BRACKET ASSY</p> |
|  | <p>SMBQS18Y</p> <p>SMBQS18Y MOUNTING BRACKET ASSY</p> |



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