

QS18EK6XLPCQ

QS18 SERIES ALL PURPOSE PHOTOELECTRIC SENSOR



QS18 Expert Series Clear Object Sensor

Range: 3000 mm; Input: 10-30 V dc

Output 1: Push/Pull with IO-Link; Output 2:

Configurable PNP/NPN

Pico M8 150 mm (6 in) Pigtail QD

Part Number: 801742

CERTIFICATIONS









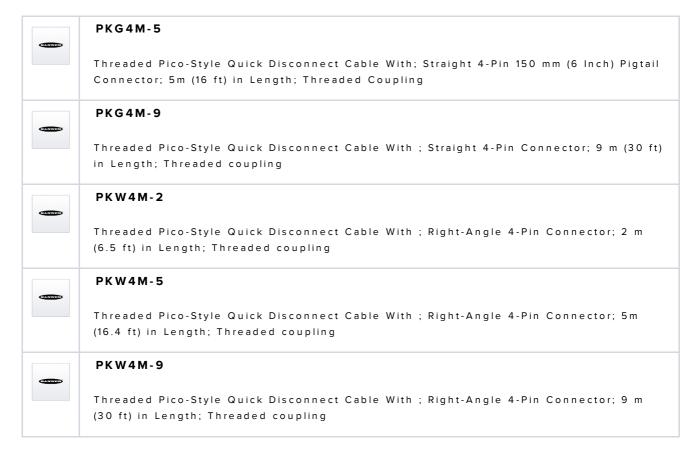
SPECIFICATIONS

| Sensing Mode (General) | Retroreflective |
|-----------------------------|--------------------------|
| Sensing Mode (Detailed) | Polarized (Coaxial) |
| Housing Style | Rectangular w/M18 Mount |
| Primary Housing Material | Thermoplastic |
| Input/Output | Discrete & Serial |
| Max Sensing Range (mm) | 3000 |
| Outputs | 2 NPN/2 PNP Configurable |
| Power Supply/Supply Voltage | 10-30 V dc |
| Connection | Pigtail QD |
| Quick Disconnect Type | M8 (Pico) |
| Sensing Beam | Visible Red LED |
| | |

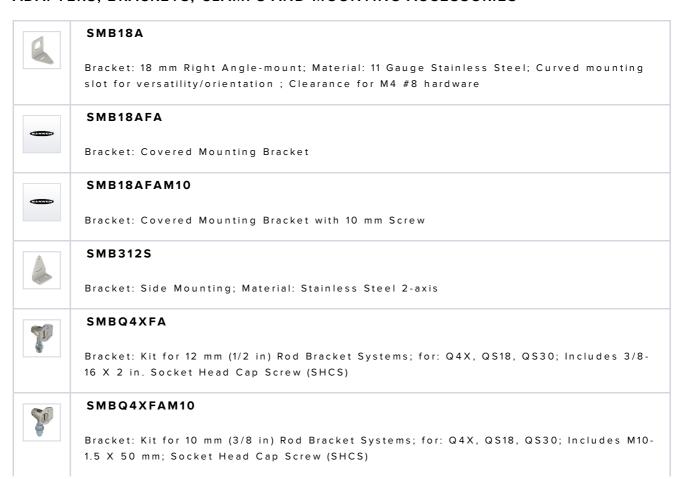
| Operation | Light/Dark Operate |
|---|--------------------|
| Max Op. Temp. (°C) | 70 |
| Min Op. Temp. (°C) | -40 |
| Output response time (ms) | 0.4 |
| Special Feature: Intrinsically Safe | No |
| Special Feature: Remote Teach | Yes |
| Special Feature: Water Detection | No |
| IP Rating | IP67 |
| Sensing Beam Wavelength | 625 |
| 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 | PMMA |
| Adjustments | Teach Button |
| Barrel Diameter (mm) | 18 |
| Indicator | LEDs |
| Opposed Mode Emitter/Receiver | N/A |
| Feature: Clear Object Detection | Yes |
| Feature: Timing (Hold/Delay) | Yes |
| Feature: Encapsulated | No |
| Feature: Hazardous Area | No |
| Feature: Audible | No |
| Feature: Chemical Resistant | No |
| Feature: Health/ Marginal Signal Output | Yes |
| IO Link | Yes |

RECOMMENDED PRODUCTS

SINGLE ENDED CORDSETS



ADAPTERS, BRACKETS, CLAMPS AND MOUNTING ACCESSORIES





SMBQ4XFAM12

Bracket: Kit for 12 mm (1/2 in) Rod Bracket Systems; for: Q4X, QS18, QS30; No Socket Head Cap Screw (SHCS) included



SMBQS18Y

SMBQS18Y MOUNTING BRACKET ASSY

RETROREFLECTIVE TARGET





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