

# **QS186LE10Q8**

## QS18 SERIES ALL PURPOSE PHOTOELECTRIC SENSOR



WORLD-BEAM QS18 Series: Laser Class 1; Circle

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

Output: Not Applicable Euro M12 4-pin Integral QD

Part Number: 70255

#### **CERTIFICATIONS**









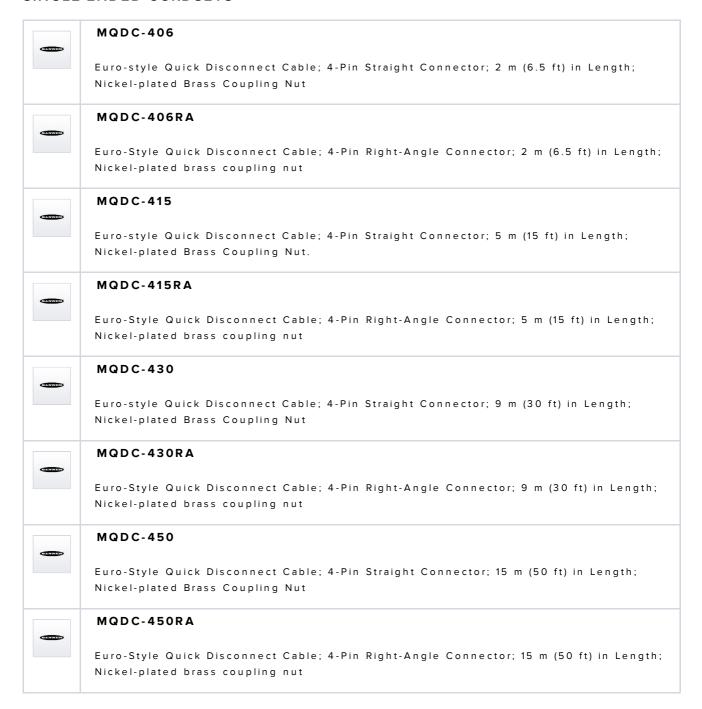
## **SPECIFICATIONS**

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	Integral QD
Quick Disconnect Type	M12 (Euro)
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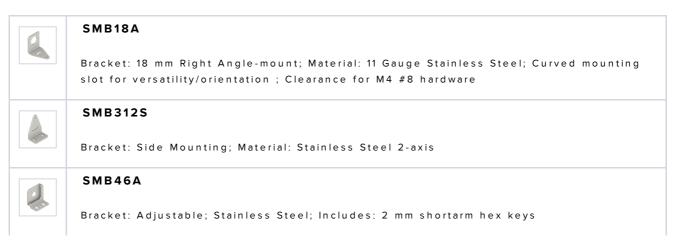
Sensing Beam	Laser
Operation	N/A
Max Op. Temp. (°C)	50
Min Op. Temp. (°C)	-10
Output response time (ms)	N/A
Special Feature: Intrinsically Safe	No
Special Feature: Remote Teach	No
Special Feature: Water Detection	No
IP Rating	IP67
Sensing Beam Wavelength	650
Delay at Power-up (ms)	250
Repeatability (μs)	N/A
Number of Pins	4
NEMA Rating	NEMA 6
NEMA Rating  Max Op. Relative Humidity [%]	NEMA 6 95% @ 50°C
Max Op. Relative Humidity [%]	95% @ 50°C
Max Op. Relative Humidity [%]  Lens Material	95% @ 50°C PMMA
Max Op. Relative Humidity [%]  Lens Material  Adjustments	95% @ 50°C  PMMA  N/A
Max Op. Relative Humidity [%]  Lens Material  Adjustments  Barrel Diameter (mm)	95% @ 50°C  PMMA  N/A  18
Max Op. Relative Humidity [%]  Lens Material  Adjustments  Barrel Diameter (mm)  Indicator	95% @ 50°C  PMMA  N/A  18  LEDs
Max Op. Relative Humidity [%]  Lens Material  Adjustments  Barrel Diameter (mm)  Indicator  Opposed Mode Emitter/Receiver	95% @ 50°C  PMMA  N/A  18  LEDs  Emitter
Max Op. Relative Humidity [%]  Lens Material  Adjustments  Barrel Diameter (mm)  Indicator  Opposed Mode Emitter/Receiver  Feature: Timing (Hold/Delay)	95% @ 50°C  PMMA  N/A  18  LEDs  Emitter  No
Max Op. Relative Humidity [%]  Lens Material  Adjustments  Barrel Diameter (mm)  Indicator  Opposed Mode Emitter/Receiver  Feature: Timing (Hold/Delay)  Feature: Encapsulated	95% @ 50°C  PMMA  N/A  18  LEDs  Emitter  No
Max Op. Relative Humidity [%]  Lens Material  Adjustments  Barrel Diameter (mm)  Indicator  Opposed Mode Emitter/Receiver  Feature: Timing (Hold/Delay)  Feature: Encapsulated  Feature: Hazardous Area	95% @ 50°C  PMMA  N/A  18  LEDs  Emitter  No  No

# **RECOMMENDED PRODUCTS**

## SINGLE ENDED CORDSETS



# ADAPTERS, BRACKETS, CLAMPS AND MOUNTING ACCESSORIES





## SMBQS18A

SMBQS18A MOUNTING BRACKET ASSY



#### SMBQS18Y

SMBQS18Y MOUNTING BRACKET ASSY



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