

# **QS18EN6CV15Q5**

# QS18 SERIES ALL PURPOSE PHOTOELECTRIC SENSOR



WORLD-BEAM QS18 Expert Series: Convergent

Range: 16 mm; Input: 10-30V dc

Output: Convergent

6 in pigtail Euro-style Pigtail QD Connector

Part Number: 68854

# **CERTIFICATIONS**









# **SPECIFICATIONS**

Sensing Mode (General)	Proximity
Sensing Mode (Detailed)	Convergent
Housing Style	Rectangular w/M18 Mount
Primary Housing Material	Thermoplastic
Input/Output	Discrete
Max Sensing Range (mm)	16
Outputs	NPN
Power Supply/Supply Voltage	10-30 V dc
Connection	Pigtail QD
Quick Disconnect Type	M12 (Euro)
Sensing Beam	Visible Red LED

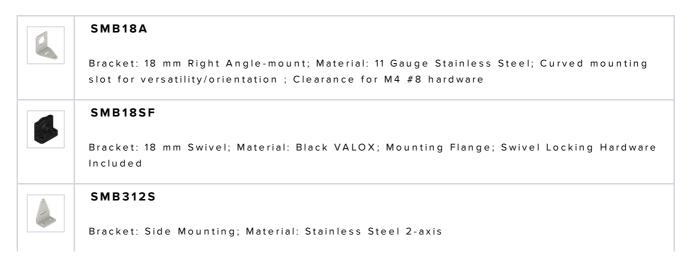
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Operation	Light/Dark Operate
Max Op. Temp. (°C)	70
Min Op. Temp. (°C)	-20
Output response time (ms)	0.6
Special Feature: Intrinsically Safe	No
Special Feature: Remote Teach	Ye s
Special Feature: Water Detection	No
IP Rating	IP67
Delay at Power-up (ms)	100
Repeatability (μs)	75
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: Timing (Hold/Delay)	Yes
Feature: Encapsulated	No
Feature: Hazardous Area	No
Feature: Audible	No
Feature: Chemical Resistant	No
IO Link	No

# RECOMMENDED PRODUCTS

# SINGLE ENDED CORDSETS



# ADAPTERS, BRACKETS, CLAMPS AND MOUNTING ACCESSORIES





# SMB18FA

Bracket: Kit for 12 mm (1/2 in.) Rod Bracket Systems for; most 18 mm barrel mount sensors; lights; and brackets; Inloudes 3/8-16 X 2 in. Socket Head Cap Screw (SHCS)



# SMB312PD

Bracket: 18 mm Barrel Mounting; Material: Stainless Steel



#### SMB18S

Bracket: 18 mm Swivel; Material: Black VALOX; 18 mm swivel; Hardware included



#### SMBQS18Y

SMBQS18Y MOUNTING BRACKET ASSY



#### SMB18UR

Bracket: 2 part universal rotating stainless steel; Allows full horizontal movement; Allows full vertical movement



#### SMBQS18A

SMBQS18A MOUNTING BRACKET ASSY



#### **SMB3018SC**

Bracket: 18 mm swivel barrel or side mounting; Black reinforced thermoplastic polyester; Hardware included



## **SMB30SUS**

Bracket: Side Mounting Swivel; Extended range of motion; Black thermoplastic polyester; Allows Maximum Articulation



#### SMBAMS18RA

Bracket: Right-angle SMBAMS series with; 18 mm hole for mounting sensors; Articulation slots for 90 plus degree rotation; 12-ga. (2.6 mm) Cold-rolled Steel



# SMB46L

Bracket: L; Material: 14 Gauge 316 Stainless Steel



## SMBAMS18P

Bracket: Flat SMBAMS series with 18 mm; hole for mounting sensors; Articulation slots for 90 plus degree rotation; 12-ga. (2.6 mm) Cold-rolled Steel



# SMB18Q

Bracket: 18 mm Angled Flanged-Mount; Material: 12 Guage Stainless Steel; Barrel-Mount



# SMB30SK

Bracket: Flat mount swivel with extended range; Allows full articulation; Black thermoplastic polyester & 316 stainless stee; Hardware included



# SMB46A

Bracket: Adjustable; Stainless Steel; Includes: 2 mm shortarm hex keys



#### SMB18AFA

Bracket: Covered Mounting Bracket



# SMB18C

Bracket: Stainless Steel Mounting; Material: Black VALOX; 18mm split clamp; Hardware included



# SMB18FAM10

Bracket: Kit for 10 mm (3/8 in) Rod Bracket Systems for; most 18 mm barrel mount sensors; lights; and brackets; Includes M10-1.5 X 50 mm Socket Head Cap Screw (SHCS)



#### SMB46U

Bracket: U; Material: 14 Gauge 316 Stainless Steel



#### **SMBQS18RA**

SMBQS18RA MOUNTING BRACKET



#### SMB4050YL

SMB4050YL MOUNTING BRACKET ASSY W/REPLACEABLE LENS COVER



## SMB46S

Bracket: S; Material: 14 Gauge 316 Stainless Steel



## SMB18FM

SMB18FM FLANGE MOUNT 18MM BRACKET KIT



# SMB18WT

Bracket: 2 part universal rotating stainless steel; Allows full horizontal/vertical movement, modified for DS18 AC models



# **SMB1812SF**

Bracket: Swivel; Compact 12mm; Black reinforced thermoplastic polyester; Hardware included



## SMB18FAB

SMB18FAB MOUNTING BRACKET; 121704



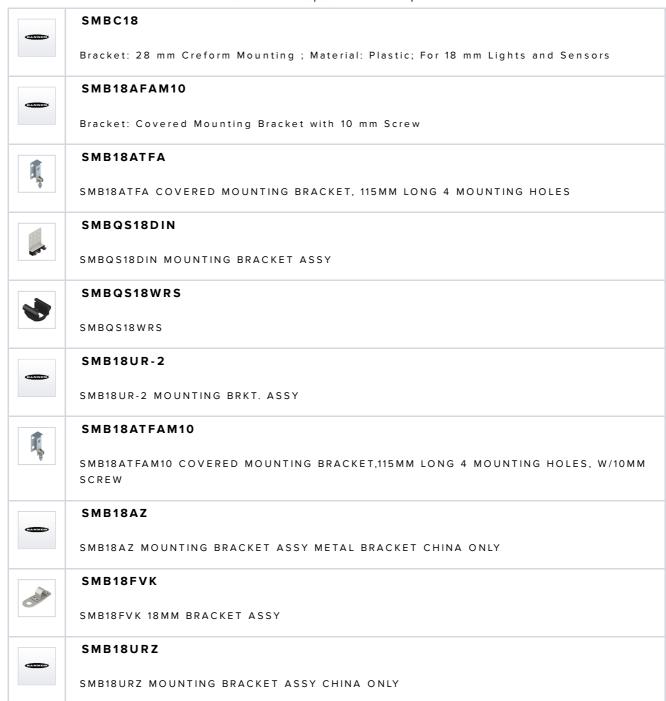
# SMB18SM

Bracket: Mounts by its base; Material: Black VALOX; Flexible and Convienient; Hardware included



# SMB18RAVK

SMB18RAVK 18MM BRACKET ASSY





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