

QS18VN6FF50Q

QS18 SERIES ALL PURPOSE PHOTOELECTRIC SENSOR



WORLD-BEAM Q18 Series: Fixed-Field

Range: 50 mm; Input: 10-30V dc

Output: Complementary Solid State NPN

6 in Pigtail PICO-Style Quick Disconnect Connector

Part Number: 71754

CERTIFICATIONS









SPECIFICATIONS

Proximity Background Suppression (Fixed) Rectangular w/M18 Mount Thermoplastic
Rectangular w/M18 Mount
-
Thermoplastic
Discrete
50
NPN
10-30 V dc
Pigtail QD
M8 (Pico)
Visible Red LED

Operation	Light/Dark Operate
Max Op. Temp. (°C)	70
Min Op. Temp. (°C)	-20
Output response time (ms)	0.85
Special Feature: Intrinsically Safe	No
Special Feature: Remote Teach	No
Special Feature: Water Detection	No
IP Rating	IP67
Delay at Power-up (ms)	100
Repeatability (μs)	160
Number of Pins	4
NEMA Rating	NEMA 6
Max Op. Relative Humidity [%]	95% @ 50°C
Lens Material	Acrylic
Adjustments	N/A
Barrel Diameter (mm)	18
Indicator	LEDs
Opposed Mode Emitter/Receiver	N/A
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



PKG4-2

Pico-style Quick Disconnect Cable; 4 Pin Straight Connector; 2 m (6.5 ft) in Length; POM snap-lock coupling



PKW4Z-2

Pico-style Quick Disconnect Cable; 4 Pin Right Angle Connector; 2 m (6.5 ft) in Length; POM snap-lock coupling

ADAPTERS, BRACKETS, CLAMPS AND MOUNTING ACCESSORIES



SMB18A

Bracket: 18 mm Right Angle-mount; Material: 11 Gauge Stainless Steel; Curved mounting slot for versatility/orientation; Clearance for M4 #8 hardware



SMB18SF

Bracket: 18 mm Swivel; Material: Black VALOX; Mounting Flange; Swivel Locking Hardware Included



SMB312S

Bracket: Side Mounting; Material: Stainless Steel 2-axis



SMB18FA

Bracket: Kit for 12 mm (1/2 in.) Rod Bracket Systems for; most 18 mm barrel mount sensors; lights; and brackets; Inlcudes 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



SMB18FAB

SMB18FAB MOUNTING BRACKET: 121704



SMB18SM

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



SMB18RAVK

SMB18RAVK 18MM BRACKET ASSY



SMBC18

Bracket: 28 mm Creform Mounting; Material: Plastic; For 18 mm Lights and Sensors



SMB18AFAM10

Bracket: Covered Mounting Bracket with 10 mm Screw



SMB18ATFA

SMB18ATFA COVERED MOUNTING BRACKET, 115MM LONG 4 MOUNTING HOLES



SMBQS18DIN

SMBQS18DIN MOUNTING BRACKET ASSY



SMBQS18WRS

SMBQS18WRS



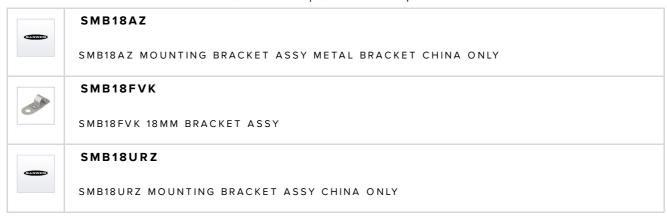
SMB18UR-2

SMB18UR-2 MOUNTING BRKT. ASSY



SMB18ATFAM10

SMB18ATFAM10 COVERED MOUNTING BRACKET,115MM LONG 4 MOUNTING HOLES, W/10MM SCREW





Banner Engineering Corp. | 9714 Tenth Avenue North | Minneapolis, MN 55441 | United States of America