

S18AW3R▶ **S18 SERIES EPOXY ENCAPSULATED BARREL-MOUNT SENSOR**

EZ-BEAM S18 Series: Receiver
 Range: 20 m; Input: 20-250 V ac
 Output: SPST Solid-state Light Operate
 2 m (6.5 ft) Cable
 Part Number: 29824

CERTIFICATIONS

**SPECIFICATIONS**

Power	AC
Sensing Beam	Infrared LED
Cable Length (m)	2
IP Rating	IP67, IP69K
NEMA / UL Type Rating	NEMA 4X
Supply Voltage	20-250 V ac
Item Status	RELEASED
Sensing Mode (General)	Opposed
Sensing Mode (Detailed)	Receiver
Housing Style	Barrel
Primary Housing Material	Thermoplastic
Input/Output	Solid-State AC Switch
Max Sensing Distance (mm)	20000
Outputs	Solid-State AC Switch
Connection	Cable
Operation	Light Operate
Min Op. Temperature (C)	-40
Max Op. Temp. (C)	70
Output response time (ms)	16 ON/8 OFF
Special Feature: Intrinsically Safe	No
Special Feature: Remote Teach	No
Special Feature: Water Detection	No
Delay at Power-up (ms)	100
Repeatability (µs)	2000
Number of Pins	3


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Max Op. Relative Humidity [%]	90% @ 50°C
Lens Material	Polycarbonate
Adjustments	N/A
Barrel Diameter (mm)	18
Indicator	LEDs
Opposed Mode Emitter/Receiver	Receiver
Feature: Washdown Rated	Yes
Feature: Clear Object Detection	No
Feature: Timing (Hold/Delay)	No
Feature: Ecolab Certified	Yes
Feature: Encapsulated	Yes
Feature: Audible	No
Feature: Chemical Resistant	No
Feature: Quick Disconnect	No
Feature: Health/Marginal Signal Output	No
DeviceNet	No
EPLAN Status	Published
EPLAN Original Sent Date	01/11/2023

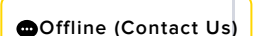
COMPATIBLE PRODUCTS

BRACKETS

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
SMB18FA	Bracket: Kit for 12 mm (1/2 in) Rod Bracket Systems for most 18 mm Barrel Mount Sensors; Lights; and Brackets Includes 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
SMB18UR	Bracket: 2 part universal rotating Stainless Steel Allows full horizontal movement Allows full vertical movement


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SMB3018SC	Bracket: 18 mm swivel barrel or side Mounting Black Reinforced Thermoplastic Polyester Hardware Included
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
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-Gauge Stainless Steel Barrel-Mount
SMB30SK	Bracket: Flat mount swivel with extended range Allows full articulation Black Thermoplastic Polyester & 316 Stainless steel Hardware Included
SMB46A	Bracket: Adjustable Stainless Steel Includes: 2 mm Shortarm hex keys
SMB18C	Bracket: Stainless Steel Mounting Material: Black VALOX 18 mm 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)
SMB18FM	SMB18FM FLANGE MOUNT 18 MM BRACKET KIT
SMB18SM	Bracket: Mounts by its base Material: Black VALOX Flexible and Convienient Hardware Included
SMB18RAVK	SMB18RAVK 18 MM BRACKET ASSY
SMBHM18FCZ	SMBHM18FCZ BRACKET 138121
SMB18UR-2	SMB18UR-2 MOUNTING BRKT. ASSY
SMB18A-74532	SMB18 A-74532 BRACKET SMB18 A W/6 MM HOLES
SMB18C-62509	SMB18C-62509 MOUNTING BRACKET SPLIT CLAMP/PLASTIC
SMB18A-39733	SMB18 A-39733 MTG BRACKET ASSY DIF SIZE & HOLE PLACEMWENT



SMB18FVK

SMB18FVK 18 MM BRACKET ASSY

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