



Q60BB6AFV1000 W/30

▶ PRODUCTS FOR INDUSTRIAL AUTOMATION



Q60 Series: Adjustable-Field Visible Red

Range: 200-1000 mm; Input: 10-30V dc

Output: Bipolar: 1 NPN; 1 PNP

9m (30 ft) Cable

Part Number: 71176

CERTIFICATIONS





SPECIFICATIONS





Sensing Mode (General)	Proximity
Sensing Mode (Detailed)	Background Suppression (Adjustable)
Housing Style	Rectangular
Primary Housing Material	Thermoplastic
Input/Output	Discrete
Max Sensing Range (mm)	1000
Outputs	Bipolar (NPN & PNP)
Power Supply/Supply Voltage	10-30 V dc
Connection	9 m Cable
Quick Disconnect Type	No QD
Sensing Beam	Visible Red LED
Operation	Light/Dark Operate

Max Op. Temp. (°C)	55
Min Op. Temp. (°C)	-20
Output response time (ms)	2
Special Feature: Intrinsically Safe	No
Special Feature: Remote Teach	Yes
Special Feature: Water Detection	No
IP Rating	IP67
Delay at Power-up (ms)	150
Repeatability (µs)	500
Number of Pins	5
NEMA Rating	NEMA 6
Max Op. Relative Humidity [%]	90% @ 50°C
Lens Material	Acrylic
Adjustments	Screw Adjustment
Barrel Diameter (mm)	N/A
Indicator	LEDs
Opposed Mode Emitter/Receiver	N/A
Feature: Timing (Hold/Delay)	Yes
Feature: Encapsulated	No
Feature: Hazardous Area	No
Feature: Audible	No

RECOMMENDED PRODUCTS

ADAPTERS, BRACKETS, CLAMPS AND MOUNTING ACCESSORIES

	<p>SMBQ60-RIGHT-ANGLE-BRACKET</p> <p>Bracket: Right Angle Bracket for Q60</p>
	<p>SMBAMSQ60P</p> <p>Bracket: Flat SMBAMS series for mounting Q60; Articulation slots for 90 plus degree rotation; 12-ga. 300 series Stainless Steel</p>

	SMBAMSQ60IP Bracket: Industrial protection SMBAMS series bracket; for Q60 with replaceable window; Articulation slots for 90 plus degree rotation; 12-ga. (2.6 mm) 300 series Stainless Steel
	SMBQ60IP SMBQ60IP BRACKET ASSEMBLY INDUSTRIAL PROTECTION Q60
	SMBQ60-76815 Bracket: Front Right 45 deg; Includes hardware
	SMBQ60-76816 Bracket: Front Left 45 degree bracket and hardware



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