



## Q60BB6AF2000Q

### ► Q60 SERIES 2 M RANGE ADJUSTABLE-FIELD SENSOR



Q60 Series: Adjustable-Field Infrared  
 Range: 200-2000 mm; Input: 10-30V dc  
 Output: Bipolar: 1 NPN; 1 PNP  
 Euro-Style Quick-Disconnect Connector  
 Part Number: 63001

#### CERTIFICATIONS





#### SPECIFICATIONS





<b>Sensing Mode (General)</b>	Proximity
<b>Sensing Mode (Detailed)</b>	Background Suppression (Adjustable)
<b>Housing Style</b>	Rectangular
<b>Primary Housing Material</b>	Thermoplastic
<b>Input/Output</b>	Discrete
<b>Max Sensing Range (mm)</b>	2000
<b>Outputs</b>	Bipolar (NPN & PNP)
<b>Power Supply/Supply Voltage</b>	10-30 V dc
<b>Connection</b>	Integral QD
<b>Quick Disconnect Type</b>	M12 (Euro)
<b>Sensing Beam</b>	Infrared LED
<b>Operation</b>	Light/Dark Operate

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

## RECOMMENDED PRODUCTS

### ADAPTERS, BRACKETS, CLAMPS AND MOUNTING ACCESSORIES

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

	<b>SMBAMSQ60IP</b>
	<p><b>SMBQ60IP</b></p> <p>SMBQ60IP BRACKET ASSEMBLY INDUSTRIAL PROTECTION Q60</p>
	<p><b>SMBQ60-76815</b></p> <p>Bracket: Front Right 45 deg; Includes hardware</p>
	<p><b>SMBQ60-76816</b></p> <p>Bracket: Front Left 45 degree bracket and hardware</p>



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