



# Q60BB6LAF2000Q

## Q60 SERIES 2 M RANGE ADJUSTABLE-FIELD SENSOR



Q60 Series: Adjustable-Field Laser (Class 2)  
Range: 200-2000 mm; Input: 10-30 V dc  
Output: Bipolar: 1 NPN; 1PNP  
Euro-Style Euro M12 5-pin Integral QD  
Part Number: 71743

### CERTIFICATIONS




### SPECIFICATIONS

Sensing Mode (General)	Proximity
Sensing Mode (Detailed)	Background Suppression (Adjustable)
Housing Style	Rectangular
Primary Housing Material	Thermoplastic
Laser Classification	Class 2
Input/Output	Discrete
Max Sensing Range (mm)	2000
Outputs	Bipolar (NPN & PNP)
Power Supply/Supply Voltage	10-30 V dc
Connection	Integral QD
Quick Disconnect Type	M12 (Euro)
Sensing Beam	Laser

Operation	Light/Dark Operate
Max Op. Temp. (°C)	50
Min Op. Temp. (°C)	-10
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)	1000
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



**SMBQ60-RIGHT-ANGLE-BRACKET**

Bracket: Right Angle Bracket for Q60

	<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>
	<p><b>SMBAMSQ60IP</b></p> <p>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</p>
	<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>



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