



## Q60BB6LAF1400Q

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



Q60 Series: Adjustable-Field Laser (Class 1)

Range: 200-1400 mm; Input: 10-30V dc

Output: Bipolar: 1 NPN; 1 PNP

Euro-Style Quick-Disconnect Connector

Part Number: 71742

#### 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>Laser Classification</b>        | Class 1                             |
| <b>Input/Output</b>                | Discrete                            |
| <b>Max Sensing Range (mm)</b>      | 1400                                |
| <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>                | Laser                               |

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



#### **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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