



QM42VN6D

► QM42 & QMT42 SERIES EASY MOUNT RECTANGULAR HOUSING SENSOR



QM42 Series: Diffuse

Range: 400 mm; Input: 10-30V dc

Output: SPDT (Complementary) NPN

2 m (6.5 ft) cable

Part Number: 44338

CERTIFICATIONS



SPECIFICATIONS

| | |
|------------------------------------|---------------------|
| Sensing Mode (General) | Proximity |
| Sensing Mode (Detailed) | Diffuse |
| Housing Style | Rectangular |
| Primary Housing Material | Zinc Alloy Die-Cast |
| Input/Output | Discrete |
| Max Sensing Distance (mm) | 400 |
| Outputs | NPN |
| Power Supply/Supply Voltage | 10-30 V dc |
| Connection | 2 m Cable |

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| Quick Disconnect Type | No QD |
| Sensing Beam | Infrared LED |
| Operation | Light/Dark Operate |
| Max Op. Temp. (°C) | 70 |
| Min Op. Temp. (°C) | -20 |
| Output response time (ms) | 1 |
| Special Feature: Intrinsically Safe | No |
| Special Feature: Remote Teach | No |
| Special Feature: Water Detection | No |
| IP Rating | IP67 |
| Sensing Beam Wavelength | 880 |
| Delay at Power-up (ms) | 100 |
| Repeatability (µs) | 250 |
| Number of Pins | 4 |
| NEMA Rating | NEMA 6 |
| Max Op. Relative Humidity [%] | 90% @ 50°C |
| Adjustments | Potentiometer |
| Barrel Diameter (mm) | N/A |
| Indicator | LEDs |
| Opposed Mode Emitter/Receiver | N/A |
| Feature: Timing (Hold/Delay) | No |
| Feature: Encapsulated | No |
| Feature: Hazardous Area | No |
| Feature: Audible | No |
| DeviceNet | No |

RECOMMENDED PRODUCTS**ADAPTERS, BRACKETS, CLAMPS AND MOUNTING ACCESSORIES**

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|---|---|
|  | <p>SMB3018SC</p> <p>Bracket: 18 mm swivel barrel or side mounting; Black reinforced thermoplastic polyester; Hardware included</p> |
|  | <p>SMB30SUS</p> <p>Bracket: Side Mounting Swivel; Extended range of motion; Black thermoplastic polyester; Allows Maximum Articulation</p> |
|  | <p>SMB46L</p> <p>Bracket: L; Material: 14 Gauge 316 Stainless Steel</p> |
|  | <p>SMB30SK</p> <p>Bracket: Flat mount swivel with extended range; Allows full articulation; Black thermoplastic polyester & 316 stainless steel; Hardware included</p> |
|  | <p>SMB46A</p> <p>Bracket: Adjustable; Stainless Steel; Includes: 2 mm shortarm hex keys</p> |
|  | <p>SMB46U</p> <p>Bracket: U; Material: 14 Gauge 316 Stainless Steel</p> |
|  | <p>SMB46S</p> <p>Bracket: S; Material: 14 Gauge 316 Stainless Steel</p> |
|  | <p>SMB42U</p> <p>Bracket: Right Angle Mounting; Material: 13 Gauge Stainless Steel; Hardware included</p> |
|  | <p>SMB19</p> <p>Bracket: Right Angle Mounting; Material: Stainless Steel; Hardware included</p> |
|  | <p>SMB42L</p> <p>Bracket: Right Angle Mounting; Material: 13 Gauge Stainless Steel; Hardware included</p> |
|  | <p>SMB42F</p> <p>Bracket: Flat; Material: 13 Gauge Stainless Steel; Hardware included</p> |



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