



Q20PR W/30

► Q20 SERIES INDUSTRY STANDARD GLOBAL HOUSING



WORLD-BEAM Q20 Series: Receiver (Red)

Range: 12 m; Input 10-30V dc

Output: Complementary Solid State PNP

9 m (30 ft) Cable

Part Number: 77791

CERTIFICATIONS



SPECIFICATIONS


| | |
|------------------------------------|--------------------|
| Sensing Mode (General) | Opposed |
| Sensing Mode (Detailed) | Receiver |
| Housing Style | Rectangular |
| Primary Housing Material | Thermoplastic |
| Input/Output | Discrete |
| Max Sensing Range (mm) | 12000 |
| Outputs | 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) | 60 |
| Min Op. Temp. (°C) | -20 |
| Output response time (ms) | 1 ON/0.6 OFF |
| Special Feature: Intrinsically Safe | No |
| Special Feature: Remote Teach | No |
| Special Feature: Water Detection | No |
| IP Rating | IP67 |
| Delay at Power-up (ms) | 100 |
| Repeatability (µs) | 140 |
| Number of Pins | 4 |
| NEMA Rating | NEMA 6 |
| Max Op. Relative Humidity [%] | 95% @ 50°C |
| Adjustments | N/A |
| Barrel Diameter (mm) | N/A |
| Indicator | LEDs |
| Opposed Mode Emitter/Receiver | Receiver |
| Feature: Timing (Hold/Delay) | No |
| Feature: Encapsulated | No |
| Feature: Hazardous Area | No |
| Feature: Audible | No |








RECOMMENDED PRODUCTS

ADAPTERS, BRACKETS, CLAMPS AND MOUNTING ACCESSORIES


| | |
|---|---|
|  | <p>SMBQ20LV</p> <p>Bracket:Right-angle bracket; +/- 10 deg tip; Stainless Steel; Used with Q20</p> |
|  | <p>SMBQ20L</p> <p>SMBQ20L MOUNTING BRACKET ASSY</p> |

| | |
|---|--|
|  | SMBQ20U |
| | Bracket: Protective bracket; +/- 22.5 deg swivel; Stainless Steel; Used with Q20 |
|  | SMBQ20H |
| | SMBQ20H MOUNTING BRACKET ASSY |

APERTURES

| | |
|---|--------------------|
|  | APQ20-0.5 |
| | APQ20-0.5 - QTY 2 |
|  | APQ20-1 |
| | APQ20-1 - QTY 2 |
|  | APQ20-2 |
| | APQ20-2 - QTY 2 |
|  | APQ20-0.5V |
| | APQ20-0.5V - QTY 2 |
|  | APQ20-1V |
| | APQ20-1V - QTY 2 |
|  | APQ20-2V |
| | APQ20-2V - QTY 2 |
|  | APK-Q20 |
| | APK-Q20 - QTY 12 |

ACCESSORIES

| | |
|---|------------------------------|
|  | PFQ20-V |
| | PFQ20-V FILTER PAIR Q20 VERT |



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