



Q20PRQPMA

Q20 SERIES INDUSTRY STANDARD GLOBAL HOUSING



WORLD-BEAM Q20 Series: Receiver (Red)
Range: 12 m; Input 10-30V dc
Output: Complementary Solid State PNP
6 in (150 mm) PUR pigtail Euro-style QD
Part Number: 78181

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	Pigtail PUR QD
Quick Disconnect Type	M12 (Euro)
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

SINGLE ENDED CORDSETS

	MQDC-406 Euro-style Quick Disconnect Cable; 4-Pin Straight Connector; 2 m (6.5 ft) in Length; Nickel-plated Brass Coupling Nut
	MQDC-415 Euro-style Quick Disconnect Cable; 4-Pin Straight Connector; 5 m (15 ft) in Length; Nickel-plated Brass Coupling Nut.

	MQDC-430 Euro-style Quick Disconnect Cable; 4-Pin Straight Connector; 9 m (30 ft) in Length; Nickel-plated Brass Coupling Nut
	MQDC-406RA Euro-Style Quick Disconnect Cable; 4-Pin Right-Angle Connector; 2 m (6.5 ft) in Length; Nickel-plated brass coupling nut
	MQDC-415RA Euro-Style Quick Disconnect Cable; 4-Pin Right-Angle Connector; 5 m (15 ft) in Length; Nickel-plated brass coupling nut
	MQDC-430RA Euro-Style Quick Disconnect Cable; 4-Pin Right-Angle Connector; 9 m (30 ft) in Length; Nickel-plated brass coupling nut
	PKG4-2 Pico-style Quick Disconnect Cable; 4 Pin Straight Connector; 2 m (6.5 ft) in Length; POM snap-lock coupling
	PKW4Z-2 Pico-style Quick Disconnect Cable; 4 Pin Right Angle Connector; 2 m (6.5 ft) in Length; POM snap-lock coupling
	PKG4M-2 Threaded Pico-Style Quick Disconnect Cable With ; Straight 4-Pin Connector; 2 m (6.5 ft) in Length; Threaded coupling
	PKG4M-9 Threaded Pico-Style Quick Disconnect Cable With ; Straight 4-Pin Connector; 9 m (30 ft) in Length; Threaded coupling

ADAPTERS, BRACKETS, CLAMPS AND MOUNTING ACCESSORIES

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