BANNER

Q20PLVQPMA

▶ Q20 SERIES INDUSTRY STANDARD GLOBAL HOUSING

WORLD-BEAM Q20 Series: Retro

Range: 6 m; Input 10-30V dc

Output: Complementery Solid State PNP

6 in (150 mm) PUR pigtail Euro-style QD

Part Number: 78173

CERTIFICATIONS

CE

SPECIFICATIONS

Sensing Mode (General)	Retroreflective
Sensing Mode (Detailed)	Non-Polarized
Housing Style	Rectangular
Primary Housing Material	Thermoplastic
Input/Output	Discrete
Max Sensing Range (mm)	6000
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)	0.8
Special Feature: Intrinsically Safe	No
Special Feature: Remote Teach	No
Special Feature: Water Detection	No
IP Rating	IP67
Sensing Beam Wavelength	645
Delay at Power-up (ms)	100
Repeatability (µs)	155
Number of Pins	4
NEMA Rating	NEMA 6
Max Op. Relative Humidity [%]	95% @ 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

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

RETROREFLECTIVE TARGET

BRT-84

BRT-84

BRT-2X2

Retroreflective Target: Rectangular -51x51mm; Reflectivity Factor: 1.0; Max. Temp.= 50 degrees C; Plastic - two screw holes for mounting

BRT-92X92C

Retroreflective Target: Rectangular -92x92mm; Reflectivity Factor: 3.0; Max. Temp.= 50 degrees C; Plastic - two screw holes for mounting

ACCESSORIES

P F Q 2 0 - V

P F Q 2 0 - V   F I L T E R   P A I R   Q 2 0   V E R T

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