Q20NLV W/30

▶ **Q20 SERIES INDUSTRY STANDARD GLOBAL HOUSING**

WORLD-BEAM Q20 Series: Retro

Range: 6 m; Input 10-30V dc

Output: Complementery Solid State NPN

9 m (30 ft) Cable

Part Number: 77790

CERTIFICATIONS

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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	NPN
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)	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

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

	PFQ20-V
	PFQ20-V FILTER PAIR Q20 VERT

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