



QT50R-EU-AFH

QT50R SERIES COLLISION AVOIDANCE RADAR SENSOR



R-Gage Series Radar Sensor
Adjustable Field; Outputs: Bipolar: 1 NPN; 1 PNP
Supply Voltage:12-30 V dc
Range: 2.0 - 24 m; 2 m Cable
Part Number: 25366

CERTIFICATIONS



SPECIFICATIONS

Sensing Mode (General)	Proximity
Sensing Mode (Detailed)	Time of Flight
Housing Style	Rectangular
Primary Housing Material	ABS/Polycarbonate
Input/Output	Discrete
Indicator	LED(s)
Radar Beam Pattern (H x V °)	90 x 76
Max Sensing Distance (mm)	24000
Minimum Sensing Distance (mm)	2000

Sensing Beam	Radar
Power Supply	12-30 V dc
Delay at Power-up (ms)	2000
Adjustments	Dip Switch
Connection	Cable
QD Type/Cable Length	2 m
Number of Pins	5
Max Discrete (Switched) Output (mA)	150
Discrete (Switched) Outputs	Bipolar (NPN & PNP)
Output Protection	Protected against short circuit
IP Rating	IP67
Max Operating Temperature (°C)	65
Min Operating Temperature (°C)	-40
Minimum Response Time (ms)	30
Power/Current Consumption (exclusive of load)	< 100 mA
Supply Protection Circuitry	Protected against reverse polarity and transient overvoltages
Feature: Timing (Hold/Delay)	No
Feature: Chemical Resistant	No
IO Link	No
RS-232	No
RS-422	No
RS-485	No
SSI	No
Wireless	No
1-wire Serial Interface	No
Profibus	No

Cert: Australia/New Zealand	Yes
Cert: China	Yes
Cert: European	Yes
Cert: Japan	Yes

COMPATIBLE PRODUCTS

	BRTR-CC20E Radar Reflector: Rectangle 12x12x6 in. PVC Enclosure; Max Temp = suitable for indoors/outdoors; Plastic - Mounted to 2 Brackets
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