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T30R-1515-KIQ

▶ PRODUCTS FOR INDUSTRIAL AUTOMATION





T30R R-GAGE Series Radar Sensor
 Range 15 m; Input 10-30 V dc
 4-20 mA Analog, 1 NPN/PNP Configurable with IO Link
 5 Pin Euro (M12) Quick Disconnect
 Part Number: 808895

CERTIFICATIONS



ACCESSORIES TO COMPLETE YOUR SYSTEM

Add all or individual items to your cart. More options available below.

	<p>SMB30A</p> <p>Bracket: Right Angle Mounting Material: 12 Gauge Stainless Steel Curved mounting slot for versatility/orientation Clearance for M6 (1/4 in.) hardware</p> <p>In Stock</p>
	<p>PRO-KIT</p> <p>DK-Pro Series Accessory Kit Includes Converter Cable, Splitter and Power Supply</p> <p>Out of Stock</p>

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**MQDEC2-506**

Euro-Style Quick Disconnect Cable with Shield
 5-Pin Straight Connector
 2 m (6.5 ft) in Length
 Chrome-plated brass coupling nut

Out of Stock

SPECIFICATIONS

Sensing Beam	Radar
Operating Frequency	122 GHz
PC Configurable	Yes
Sensing Mode (General)	Proximity
Sensing Mode (Detailed)	Time of Flight
Housing Style	Barrel
Device Type	Sensor
Primary Housing Material	PBT
Input/Output	Analog & Discrete
Indicator	LED(s)
Radar Beam Pattern (H x V °)	15 x 15
Connection	Integral QD
Analog Output Configuration	4-20 mA
Analog Resolution/Discrete Repeatability	< 1 mm at Excess Gain $\geq 10x$ < 10 mm at Excess Gain < 10x
Quick Disconnect Type	M12 (Euro)
Max Sensing Distance (mm)	15000
Minimum Sensing Distance (mm)	150
Sensing Beam	Radar
Power Supply	10-30 V dc
Delay at Power-up (ms)	300

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Adjustments	Software; Push Button; Remote Teach
Number of Pins	5
Vibration	MIL-STD-202F req. Method 201A (vibration:10 to 60Hz max., double amplitude 0.06", max acc. 10G).
Mechanical Shock	MIL-STD-202G, Meth. 213B, conditions H&I (Shock: 75G with unit operation: 100G for non-operation).
Output Saturation Voltage NPN Outputs	< 3 V at 50 mA
Output Saturation Voltage PNP Outputs	< 3 V at 50 mA
Analog Current Output Rating	1 k Ω max @24 V dc, max load resistance = [(Vcc-4.5)/0.02 Ω]
Max Discrete (Switched) Output (mA)	50
Discrete (Switched) Outputs	1 NPN/PNP Configurable
Output Protection	Protected against short circuit
IP Rating	IP67
Max Operating Temperature (°C)	65
Min Operating Temperature (°C)	-40
Max Op. Relative Humidity Non-Condensing (%)	95 at 50°C
Minimum Response Time (ms)	6
Analog Linearity (mm)	+/- 4 mm from 300 to 600 mm; +/- 15 mm from 600 mm to 15 m
Barrel Diameter (mm)	30
Minimum Window Size (mm)	20
Remote Teach and Laser Control Input Impedence	55 k Ω
Discrete Output Hysteresis (mm)	Manually settable from 50 to 15000 mm
Max Off-state Leakage Current (μA)	NPN: < 40 at 30 V dc; PNP: < 10 at 30 V dc
Power/Current Consumption (exclusive of load)	100 mA max @ 24 V dc


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Supply Protection Circuitry	Protected against reverse polarity and transient overvoltages
Feature: Remote Teach	Yes
Feature: Clear Object Detection	Yes
Feature: Timing (Hold/Delay)	Yes
Feature: Chemical Resistant	No
Common Ethernet Protocol	No
IO Link	Yes
PROFINET	No
RS-232	No
RS-422	No
RS-485	No
SSI	No
Wireless	No
1-wire Serial Interface	No
Profibus	No
Cert: US	Yes
Cert: European	Yes

COMPATIBLE PRODUCTS


BRACKET

<p>SMB1815SF</p> <p>Bracket: Swivel with set screws for mounting Black reinforced thermoplastic polyester Used for mounting of T18 or T30 by its cable hub Hardware included</p>
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	<p>SMB30A</p> <p>Bracket: Right Angle Mounting Material: 12 Gauge Stainless Steel Curved mounting slot for versatility/orientation Clearance for M6 (1/4 in.) hardware</p>
	<p>SMB30C</p> <p>Bracket: Stainless Steel Mounting Material: Black VALOX 30mm split clamp Hardware included</p>
	<p>SMB30FA</p> <p>SMB30FA Bracket: Swivel with Tilt and Pan Movement 30mm Mounting Hole 3/8-16x2in Bolt Thread Mount</p>
	<p>SMB30FAM10</p> <p>SMB30FAM10 Bracket: Swivel with Tilt and Pan Movement 30mm Mounting Hole M10-1.5x50 Bolt Thread</p>
	<p>SMB30FVK</p> <p>SMB30FVK Bracket: V-Clamp Flat with Fasteners for Mounting Sensor with 30mm Threads to Pipe or Extrusions 32.6mm (1.28in)</p>
	<p>SMB30MM</p> <p>Bracket: 30mm Material: 12 Gauge Stainless Steel Curved mounting slot for versatility/orientation Clearance for M6 (1/4 in.) hardware</p>
	<p>SMB30RAVK</p> <p>Bracket: V-Clamp Mount 30 mm hole to 28 mm tube Right-angle</p>
	<p>SMB30S</p> <p>Bracket: Plastic Material: Black Polyester 30 mm Swivel Hardware included</p>
	<p>SMB30SC</p> <p>Bracket: Compact 30 mm Swivel Black reinforced thermoplastic polyester Wide Range of Articulation Hardware included</p>

	<p>SMB30SM</p> <p>Bracket: Swivel Material: Black VALOX Swivel ball is locked when bolts are tightened Hardware included</p>
	<p>SMBAMS30P</p> <p>Bracket: 30 mm flat bracket Material: 12 Gauge Cold Rolled Steel Curved mounting slot for versatility/orientation</p>
	<p>SMBAMS30RA</p> <p>Bracket: 30mm Right Angle Material: 12 Gauge cold rolled steel Curved mounting slot for versatility/orientation</p>

PRO CONVERTER CABLE





	<p>PRO-KIT</p> <p>DK-Pro Series Accessory Kit Includes Converter Cable, Splitter and Power Supply</p>
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DOUBLE-ENDED CORDSETS

	<p>MQDEC3-506SS</p> <p>Euro-style Quick Disconnect Cable Double-ended 5-pin Male Connector Straight 5-pin Female Connector Straight 1.83 m Length Chrome Plated Brass Coupling Nut; Shield Wire Grounded to Coupling Nut</p>
	<p>MQDEC3-515SS</p> <p>Euro-style Quick Disconnect Cable Double-ended 5-pin Male Connector Straight 5-pin Female Connector Straight 4.58 m Length Chrome plated brass coupling nut; Shield wire grounded to coupling nut</p>
	<p>MQDEC3-530SS</p> <p>Euro-style Quick Disconnect Cable Double-ended 5-pin Male Connector Straight 5-pin Female Connector Straight 9.2 m Length Chrome plated brass coupling nut; Shield wire grounded to coupling nut</p>

SINGLE-ENDED CORDSETS

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	<p>MQDEC2-506</p> <p>Euro-Style Quick Disconnect Cable with Shield 5-Pin Straight Connector 2 m (6.5 ft) in Length Chrome-plated brass coupling nut</p>
	<p>MQDEC2-506RA</p> <p>Euro-Style Quick Disconnect Cable with Shield 5-Pin Right-Angle Connector 2 m (6.5 ft) in Length Chrome-plated brass coupling nut</p>
	<p>MQDEC2-515</p> <p>Euro-Style Quick Disconnect Cable with Shield 5-Pin Straight Connector 5 m (15 ft) in Length Chrome-plated brass coupling nut</p>
	<p>MQDEC2-515RA</p> <p>Euro-Style Quick Disconnect Cable with Shield 5-Pin Right-Angle Connector 5 m (15 ft) in Length Chrome-plated brass coupling nut</p>
	<p>MQDEC2-530</p> <p>Euro-Style Quick Disconnect Cable with Shield 5-Pin Straight Connector.C 9 m (30 ft) in Length Chrome-plated brass coupling nut</p>
	<p>MQDEC2-530RA</p> <p>Euro-Style Quick Disconnect Cable with Shield 5-Pin Right-Angle Connector 9 m (30 ft) in Length Chrome-plated brass coupling nut</p>
	<p>MQDEC2-550</p> <p>Euro-Style Quick Disconnect Cable with Shield 5-Pin Straight Connector 15 m (50 ft) in Length Chrome-plated brass coupling nut</p>
	<p>MQDEC2-550RA</p> <p>Euro-Style Quick Disconnect Cable with Shield 5-Pin Right-Angle Connector 15 m (50 ft) in Length Chrome-plated brass coupling nut</p>

CSB-M1251M1251B

Euro-style Quick Disconnect Splitter Cable
5-Pin Straight male Eurofast 0.30 m (1 ft) Trunk
5-Pin Straight Female Eurofast 0.30m (1 ft) Branch 1
5-Pin Straight Female Eurofast 0.30 m (1 ft) Branch 2
Nickel Plated Brass Coupling Nuts Black Jacket



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