

T30R-1515-KDQ

T30R SERIES RADAR SENSOR



T30R R-GAGE Series Radar Sensor
Range 15 m; Input: 10-30 V dc
Output: 1 PNP/NPN with IO-Link Communication; 1 PNP/NPN
5-pin M12 Integral QD
Part Number: 808907

CERTIFICATIONS



ACCESSORIES TO COMPLETE YOUR SYSTEM

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

	SMB30A Bracket: Right-Angle Mounting Material: 12-Gauge Stainless Steel Curved Mounting Slot for Versatility/Orientation Clearance for M6 (1/4 in) Hardware
	PRO-KIT For Discrete Pro Lights and select Sensor products Kit includes config cable, splitter, and power supply Required for initial software configuration only
	DXMR110-8K DXMR110 8-port IO-Link Master/Controller Power: 18-30 V dc Female M12 (D-Code Ethernet) IP65, IP67 Ethernet IP, Modbus TCP, and Profinet
	MQDEC2-506 Cordset: Single-Ended M12 5-pin Straight Female Connector 2 m (6.56 ft) 5x22 Shielded Black PVC Jacket Nickel-Plated Brass Coupling Nut
	DXMR90-4K DXMR90 IO-Link Master/Controller Power: 18-30 V dc Female M12 (D-Code Ethernet) IP65, IP67 Ethernet IP, Modbus TCP, and Profinet

SPECIFICATIONS

Power	DC
PFM Output	Yes
Sensing Beam	Radar
Jam Detection	No
Operating Frequency	122 GHz
PC Configurable	Yes
IP Rating	IP67
Supply Voltage	10-30 V dc

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Item Status	RELEASED
Sensing Mode (General)	Proximity
Sensing Mode (Detailed)	Time of Flight
Housing Style	Barrel
Device Type	Sensor
Primary Housing Material	PBT
Input/Output	Discrete
Radar Beam Pattern (H x V °)	15 x 15
Connection	Integral QD
Quick Disconnect Type	M12
Max Sensing Distance (mm)	15000
Minimum Sensing Distance (mm)	150
Adjustments	Software; Push Button; Remote Teach
Number of Pins	5
Discrete (Switched) Outputs	2 NPN/PNP Configurable
Max Operating Temperature (C)	65
Min Operating Temperature (C)	-40
Minimum Response Time (ms)	6
Barrel Thread	M30
Laser Control	No
Feature: Remote Teach	Yes
Feature: Washdown Rated	No
Feature: Clear Object Detection	Yes
Feature: Timing (Hold/Delay)	Yes
Feature: Chemical Resistant	No
Feature: Pump-in/ Pump-out	No
Feature: Quick Disconnect	Yes
Feature: Health/Marginal Signal Output	No
Application: Ultrasonic	No
Common Ethernet Protocol	No
IO Link	Yes
RS-232	No
Wireless	No
Cert: US	Yes
Cert: Australia/New Zealand	Yes
Cert: European	Yes
Cert: Canada	Yes
Cert: Singapore	Yes
Cert: Thailand	Yes
EPLAN Status	Published
EPLAN Original Sent Date	04/21/2022

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COMPATIBLE PRODUCTS

BRACKETS

	SAFT30R-PVC-G2 Accessory: For R-GAGE T30R Series M30 x 1.5 to 2 in NPT PVC With Retainer
	SMB1815SF Bracket: Swivel with set screws for Mounting Black Reinforced Thermoplastic Polyester Used for Mounting of T18 or T30 by its cable hub Hardware Included
	SMB30A Bracket: Right-Angle Mounting Material: 12-Gauge Stainless Steel Curved Mounting Slot for Versatility/Orientation Clearance for M6 (1/4 in) Hardware
	SMB30C Bracket: Stainless Steel Mounting Material: Black VALOX 30 mm split clamp Hardware Included
	SMB30FA SMB30FA Bracket: Swivel with Tilt and Pan Movement 30 mm Mounting Hole 3/8-16x2in Bolt Thread Mount
	SMB30FAM10 SMB30FAM10 Bracket: Swivel with Tilt and Pan Movement 30 mm Mounting Hole M10-1.5x50 Bolt Thread
	SMB30FVK SMB30FVK Bracket: V-Clamp Flat with Fasteners for Mounting Sensor with 30 mm Threads to Pipe or Extrusions 32.6 mm (1.28 in)
	SMB30MM Bracket: 30 mm Material: 12-Gauge Stainless Steel Curved Mounting Slot for Versatility/Orientation Clearance for M6 (1/4 in) Hardware
	SMB30RAVK Bracket: V-Clamp Mount 30 mm hole to 28 mm tube Right-Angle
	SMB30S Bracket: Plastic Material: Black Polyester 30 mm Swivel Hardware Included
	SMB30SC Bracket: Compact 30 mm Swivel Black Reinforced Thermoplastic Polyester Wide Range of Articulation Hardware Included
	SMB30SM Bracket: Swivel Material: Black VALOX Swivel ball is locked when bolts are tightened Hardware Included
	SMBAMS30P Bracket: 30 mm Flat Bracket Material: 12-Gauge Cold-rolled Steel Curved Mounting Slot for Versatility/Orientation

	SMBAMS30RA Bracket: 30 mm Right-Angle Material: 12-Gauge Cold-rolled Steel Curved Mounting Slot for Versatility/Orientation
	SMBT30RTM Bracket: Tank Level, Horizontal Mounting Material: 12-Gauge Stainless Steel T Mounting Slots for Versatility/Orientation Clearance for M6 (1/4 in) Hardware

PRO CONVERTER CABLE

	PRO-KIT For Discrete Pro Lights and select Sensor products Kit includes config cable, splitter, and power supply Required for initial software configuration only
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DXMR110 IO-LINK MASTER

	DXMR110-8K DXMR110 8-port IO-Link Master/Controller Power: 18-30 V dc Female M12 (D-Code Ethernet) IP65, IP67 Ethernet IP, Modbus TCP, and Profinet
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	MQDEC2-506 Cordset: Single-Ended M12 5-pin Straight Female Connector 2 m (6.56 ft) 5x22 Shielded Black PVC Jacket Nickel-Plated Brass Coupling Nut
	MQDEC2-506RA Cordset: Single-Ended M12 5-pin Right-Angle Female Connector 2 m (6.56 ft) 5x22 Shielded Black PVC Jacket Nickel-Plated Brass Coupling Nut
	MQDEC2-515 Cordset: Single-Ended M12 5-pin Straight Female Connector 5 m (16.4 ft) 5x22 Shielded Black PVC Jacket Nickel-Plated Brass Coupling Nut
	MQDEC2-515RA Cordset: Single-Ended M12 5-pin Right-Angle Female Connector 5 m (16.4 ft) 5x22 Shielded Black PVC Jacket Nickel-Plated Brass Coupling Nut
	MQDEC2-530 Cordset: Single-Ended M12 5-pin Straight Female Connector 9 m (29.53 ft) 5x22 Shielded Black PVC Jacket Nickel-Plated Brass Coupling Nut
	MQDEC2-530RA Cordset: Single-Ended M12 5-pin Right-Angle Female Connector 9 m (29.53 ft) 5x22 Shielded Black PVC Jacket Nickel-Plated Brass Coupling Nut
	MQDEC2-550 Cordset: Single-Ended M12 5-pin Straight Female Connector 15 m 5x22 Shielded Black PVC Jacket Nickel-Plated Brass Coupling Nut

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	MQDEC2-550RA Cordset: Single-Ended M12 5-pin Right-Angle Female Connector 15 m 5x22 Shielded Black PVC Jacket Nickel-Plated Brass Coupling Nut
	MQDEC3-506SS Cordset: Double-Ended M12 5-pin Straight Male; 5-pin Straight Female 1.83 m 5x22 Shielded Black PVC Jacket Nickel-Plated Brass Coupling Nuts
	MQDEC3-515SS Cordset: Double-Ended M12 5-pin Straight Male; 5-pin Straight Female 4.58 m 5x22 Shielded Black PVC Jacket Nickel-Plated Brass Coupling Nuts
	MQDEC3-530SS Cordset: Double-Ended M12 5-pin Straight Male; 5-pin Straight Female 9.2 m 5x22 Shielded Black PVC Jacket Nickel-Plated Brass Coupling Nuts

SPLITTERS

	CSB-M1251M1251B M12 QD Splitter Cable 5-pin Straight male M12 0.3 m (1 ft) Trunk 5-pin Straight Female M12 0.3 m (1 ft) Branch 1 5-pin Straight Female M12 0.3 m (1 ft) Branch 2 Black Jacket; Nickel-Plated Brass Coupling Nuts
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INDUSTRIAL CONTROLLER: DXMR90 SERIES

	DXMR90-4K DXMR90 IO-Link Master/Controller Power: 18-30 V dc Female M12 (D-Code Ethernet) IP65, IP67 Ethernet IP, Modbus TCP, and Profinet
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