

# T30R-1515-KIQ

## T30R SERIES RADAR SENSOR



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 M12 Integral QD  
 Part Number: 808895

### CERTIFICATIONS



## ACCESSORIES TO COMPLETE YOUR SYSTEM

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

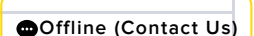
	<p><b>SMB30A</b></p> <p>Bracket: Right-Angle Mounting                  Material: 12-Gauge Stainless Steel                  Curved Mounting Slot for Versatility/Orientation                  Clearance for M6 (1/4 in) Hardware</p>
	<p><b>PRO-KIT</b></p> <p>For Discrete Pro Lights and select Sensor products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

### SPECIFICATIONS

<b>Power</b>	DC
<b>PFM Output</b>	No
<b>Sensing Beam</b>	Radar
<b>Jam Detection</b>	No
<b>Operating Frequency</b>	122 GHz
<b>PC Configurable</b>	Yes
<b>IP Rating</b>	IP67
<b>Supply Voltage</b>	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	Analog & Discrete
Analog Output Configuration	4-20 mA
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	1 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



**COMPATIBLE PRODUCTS**


**BRACKETS**

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


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	<p><b>SMBAMS30P</b></p> <p>Bracket: 30 mm Flat Bracket Material: 12-Gauge Cold-rolled Steel Curved Mounting Slot for Versatility/Orientation</p>
	<p><b>SMBAMS30RA</b></p> <p>Bracket: 30 mm Right-Angle Material: 12-Gauge Cold-rolled Steel Curved Mounting Slot for Versatility/Orientation</p>
	<p><b>SMBT30RTM</b></p> <p>Bracket: Tank Level, Horizontal Mounting Material: 12-Gauge Stainless Steel T Mounting Slots for Versatility/Orientation Clearance for M6 (1/4 in) Hardware</p>

**PRO CONVERTER CABLE**


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

	<p><b>DXMR110-8K</b></p> <p>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</p>
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	<p><b>MQDEC2-506</b></p> <p>Cordset: Single-Ended M12 5-pin Straight Female Connector 2 m (6.56 ft) 5x22 Shielded Black PVC Jacket Nickel-Plated Brass Coupling Nut</p>
	<p><b>MQDEC2-506RA</b></p> <p>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</p>
	<p><b>MQDEC2-515</b></p> <p>Cordset: Single-Ended M12 5-pin Straight Female Connector 5 m (16.4 ft) 5x22 Shielded Black PVC Jacket Nickel-Plated Brass Coupling Nut</p>
	<p><b>MQDEC2-515RA</b></p> <p>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</p>
	<p><b>MQDEC2-530</b></p> <p>Cordset: Single-Ended M12 5-pin Straight Female Connector 9 m (29.53 ft) 5x22 Shielded Black PVC Jacket Nickel-Plated Brass Coupling Nut</p>
	<p><b>MQDEC2-530RA</b></p> <p>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</p>


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	<p><b>MQDEC2-550</b></p> <p>Cordset: Single-Ended M12                      5-pin Straight Female Connector                      15 m 5x22 Shielded Black PVC Jacket                      Nickel-Plated Brass Coupling Nut</p>
	<p><b>MQDEC2-550RA</b></p> <p>Cordset: Single-Ended M12                      5-pin Right-Angle Female Connector                      15 m 5x22 Shielded Black PVC Jacket                      Nickel-Plated Brass Coupling Nut</p>
	<p><b>MQDEC3-506SS</b></p> <p>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</p>
	<p><b>MQDEC3-515SS</b></p> <p>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</p>
	<p><b>MQDEC3-530SS</b></p> <p>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</p>

**SPLITTERS**

	<p><b>CSB-M1251M1251B</b></p> <p>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</p>
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**INDUSTRIAL CONTROLLER: DXMR90 SERIES**

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