

LTF12UC2LDQP

LTF SERIES LONG-RANGE TIME-OF-FLIGHT LASER SENSOR



Laser Diffuse Time-of-Flight Sensor; Range: 50-12000 mm

Input: 12-30 V dc; Output: Analog: 0-10 V; Class 2 Laser

Discrete: NPN/PNP Configurable

150 mm (6 in) M12 Pigtail QD

Part Number: 94854





CERTIFICATIONS



ACCESSORIES TO COMPLETE YOUR SYSTEM

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

	<b>SMBLTFL</b>
Bracket: LTF Series Right-angle bracket 12 gauge Stainless Steel	
	<b>MQDEC2-506</b>
Cordset: Single-Ended M12 5-pin Straight Female Connector 2 m (6.56 ft) 5x22 Shielded Black PVC Jacket Nickel-Plated Brass Coupling Nut	

SPECIFICATIONS

Power	DC

<b>Sensing Beam</b>	Visible Red Laser
<b>Cable Length (m)</b>	0.15
<b>IP Rating</b>	IP67
<b>NEMA / UL Type Rating</b>	NEMA 4X
<b>Supply Voltage</b>	12-30 V dc
<b>Sensing Mode (General)</b>	Proximity
<b>Sensing Mode (Detailed)</b>	Time of Flight
<b>Housing Style</b>	Rectangular
<b>Device Type</b>	Sensor
<b>Primary Housing Material</b>	Zinc Alloy Die-Cast
<b>Laser Classification</b>	Class 2
<b>Input Output</b>	Analog & Discrete
<b>Analog Output Configuration</b>	0-10 V dc
<b>Connection</b>	Pigtail QD
<b>Quick Disconnect Type</b>	M12
<b>Max Sensing Distance (mm)</b>	12000
<b>Minimum Sensing Distance (mm)</b>	50
<b>Adjustments</b>	Push Button; Remote Teach
<b>Number of Pins</b>	5
<b>Discrete (Switched) Outputs</b>	1 NPN/PNP Configurable
<b>Max Operating Temperature (&amp;#176;C)</b>	55
<b>Min Operating Temperature (&amp;#176;C)</b>	-20
<b>Minimum Response Time (ms)</b>	1.5
<b>Laser Control</b>	Yes

Max Ambient Light (Lux)	40000
Feature: Remote Teach	Yes
Feature: Timing (Hold/Delay)	Yes
Feature: Quick Disconnect	Yes
Feature: Health/Marginal Signal Output	Yes

## COMPATIBLE PRODUCTS





### BRACKETS

	<b>SMBLTFL</b>
Bracket: LTF Series Right-angle bracket 12 gauge Stainless Steel	
	<b>SMBLTFU</b>
Bracket: LTF Series Enclosed bracket 16 gauge 304 Stainless Steel	
	<b>SMBAMSLTFP</b>
Bracket: Mounting Bracket Used with LE and LTF Series Automotive	
	<b>SMBAMSLTFIP</b>
SMBAMSLTFIP AUTOMOTIVE BRACKET LTF IND PROTECTION	
	<b>SMBLTFFA</b>
Bracket: Kit for 12 mm (1/2 in) Rod Bracket Systems for: LTF Includes 3/8-16 x 2 in Socket Head Cap Screw (SHCS)	

### MISCELLANEOUS

	<b>RWAMSLTF</b>
RWAMSLTF WINDOW FOR SMBAMSLTFIP	

**SINGLE-ENDED CORDSETS**

	<b>MQDEC2-506</b>
Cordset: Single-Ended M12 5-pin Straight Female Connector 2 m (6.56 ft) 5x22 Shielded Black PVC Jacket Nickel-Plated Brass Coupling Nut	
	<b>MQDEC2-515</b>
Cordset: Single-Ended M12 5-pin Straight Female Connector 5 m (16.4 ft) 5x22 Shielded Black PVC Jacket Nickel-Plated Brass Coupling Nut	
	<b>MQDEC2-530</b>
Cordset: Single-Ended M12 5-pin Straight Female Connector 9 m (29.53 ft) 5x22 Shielded Black PVC Jacket Nickel-Plated Brass Coupling Nut	
	<b>MQDEC2-550</b>
Cordset: Single-Ended M12 5-pin Straight Female Connector 15 m 5x22 Shielded Black PVC Jacket Nickel-Plated Brass Coupling Nut	
	<b>MQDC2S-806</b>
Cordset: Single-Ended M12 8-pin Straight Female 2.04 m 8x24 Shielded Black PVC Jacket Nickel-Plated Brass Coupling Nut	