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.

		SMBLTFL
4	F	Bracket: LTF Series Right-angle bracket
		2 gauge Stainless Steel
		MQDEC2-506
	(Cordset: Single-Ended M12
	5	5-pin Straight Female Connector
2 r	n (6.	56 ft) 5x22 Shielded Black PVC Jacket
Nic	ckel-	Plated Brass Coupling Nut

SPECIFICATIONS

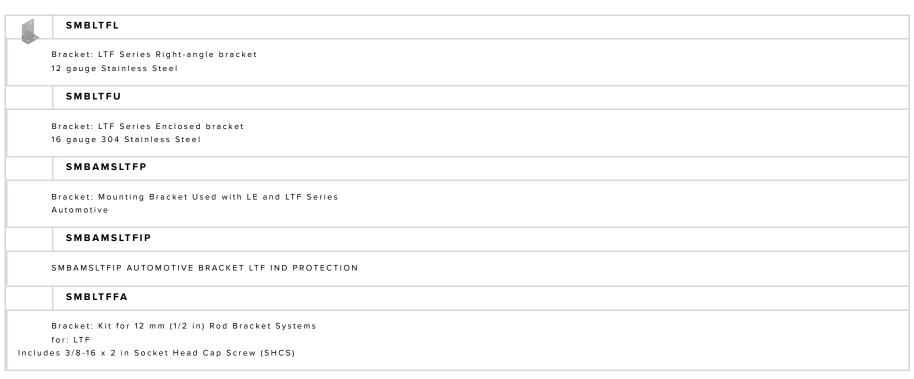
Power	DC

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



MISCELLANEOUS

RWAMSLTF
RWAMSLTF WINDOW FOR SMBAMSLTFIP

SINGLE-ENDED CORDSETS



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



MQDEC2-515

Cordset: Single-Ended M12 5-pin Straight Female Connector 5 m (16.4 ft) 5x22 Shielded Black PVC Jacket Nickel-Plated Brass Coupling Nut



MQDEC2-530

Cordset: Single-Ended M12 5-pin Straight Female Connector 9 m (29.53 ft) 5x22 Shielded Black PVC Jacket Nickel-Plated Brass Coupling Nut



MQDEC2-550

Cordset: Single-Ended M12 5-pin Straight Female Connector 15 m 5x22 Shielded Black PVC Jacket Nickel-Plated Brass Coupling Nut

MQDC2S-806

Cordset: Single-Ended M12 8-pin Straight Female 2.04 m 8x24 Shielded Black PVC Jacket Nickel-Plated Brass Coupling Nut