

Part No.

# LC10-TA12

*LC10 Field Gauge temperature probe, 1/4 in diameter, 12 in long, bottom mounted*

The LC10 is a robust device that measures and displays temperature readings on a large, backlit screen. The LC10 has the ability to show High and Low temperature values on-screen, change between 4 different engineering units. The included PC FieldLab Desktop software can be used for calibration, testing and live viewing of temperature.



LC10-TA12

## Specs/Attributes

Accuracy - Temperature Measurement	+/- (0.15 +0.002* t ) °C (IEC 60751 Class A)
Battery Count	2
Battery Life	1500 Hours
Battery Type	AA Alkaline (IEC-LR6)
Calibration Certificate	Not included
Certifications	Certified to CSA Standard C22.2 No. 61010-1, Conforms to UL / IEC / EN / AS Standard No. 61010-1, Complies with Pressure Equipment Directive 2014/68/EU, Complies with Low Voltage Directive 2014/35/EU, Complies with Electromagnetic Compatibility Directive 2014/30/EU
Country of origin	USA
Datalogging	PC based (via USB)
Electrical Rating	50 mA @ 5 VDC
Harmonized Code	9026.20.0000
Ingress Protection	IP67 (1 meter water submersion for 30 minutes)
LCD Display	2.4 in / 61 mm segmented LCD Display
Materials	ABS / Polycarbonate Blend, Powder Coated Aluminum
Max Operating Temperature	120 °F / 50 °C
Max Probe Temperature	300 °F / 150 °C

## Specs/Attributes

Measurement Type	Temperature
Media Compatibility	Air, Alcohol, Antifreeze, Ethylene Glycol, Hydraulic Oil, Inert Gas, Mineral Oil, Natural Gas, Petroleum Based Oil, Skydrol, Windshield washer fluid, Transmission fluid, Light motor oil, Ralston Calibration Oil, Water
Min Operating Temperature	-4 °F / -20 °C
Min Probe Temperature	-22 °F / -30 °C
Operating Altitude (max)	10,000 ft (3050 m)
Panel Mount	No
Primary Power	Battery Power
Protection Class	Pollution Degree 2 (UL / IEC 61010-1)
Relative Humidity	0% to 90% (-10 to 35 °C) , 0% to 70% (35 to 50 °C)
Sensor Type	High Precision MEMS
Temperature Compensation	None
Temperature Units	°C, °F, K, R
Thermal Probe	1/4 in / 6.35 mm diameter, 12 in / 30.5 cm long, bottom mount
USB Connection	USB (Micro B)
Wetted Materials	316 Stainless Steel
Weight	12.4 oz / 350 grams
Dimensions	H: 1.75 in (4.45 cm) x W: 3.4 in (8.64 cm) x D: 14.1 in (35.81 cm)