

Part No.

# LC20-TA12-00-W1

*LC20 gauge, 1/4 in dia., 12 in long temp probe, Zigbee radio*

The LC20 is a robust device that measures and displays temperature readings on a large, backlit screen. The LC20 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.



LC20-TA12-00-W1

## Specs/Attributes

Battery Count	2
Battery Life	1000 Hours
Battery Type	AA Alkaline (IEC-LR6)
Calibration Certificate	NIST traceable (included)
Certifications	Certified to CSA Standard C22.2 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

## Specs/Attributes

Max Operating Temperature	120 °F / 50 °C
Max Probe Temperature	300 °F / 150 °C
Measurement Type	Temperature
Media Compatibility	Inert Gas, Natural Gas, Petroleum Based Oil, Water, Air, Alcohol, Antifreeze, Ethylene Glycol, Hydraulic Oil, Mineral Oil, Skydrol, Windshield washer fluid, Transmission fluid, Light motor oil, Ralston Calibration Oil
Min Operating Temperature	-4 °F / -20 °C
Min Probe Temperature	-22 °F / -30 °C
Panel Mount	No
Primary Power	Battery Power
Protection Class	Pollution Degree 2 (UL / IEC 61010-1)
Radio Approvals	FCC ID VW4A091732, IC ID 11019A-091732
Radio Type	RI Wireless (Long Range)
Temperature Compensation	None
Temperature Measurement Uncertainty	+/- (0.15 +0.002* t )°C (IEC 60751 Class A)
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)
W1 Radio Installed	Yes
Wetted Materials	316 Stainless Steel
Wireless Range	330 ft / 100 m
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)