Ralston

Part No.

LC20-TA1125-00-B1

LC20 Field Gauge temperature probe, 1/8 in diameter, 12 in long, bottom mounted, Bluetooth radio

The LC20 is a robust device that measures and displays temperature readings on a large, backlighted screen. The LC20 has the ability to show High and Low temperature values on-screen, change between 4 different engineering units. Connect to FieldLab Mobile iOS and Android application on a phone or tablet to monitor or log temperature.

LC20-TA1125-00-B1

Specs/Attributes

Battery Count	2
Battery Life	1000 Hours
Battery Type	AA Alkaline (IEC-LR6)
Bluetooth Radio Installed	Yes
Calibration Certificate	ISO 17025:2017 Accredited
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
Contains Wireless Module	Yes
Country of origin	USA
Data Logging	870 Readings (onboard)

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Specs/Attributes

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
Min Operating Temperature	-4 °F / -20 °C
Panel Mount	No
Primary Power	Battery Power
Protection Class	Pollution Degree 2 (UL / IEC 61010-1)
Radio Approvals	FCC ID 2AA9B04, IC ID 12208A-04, Japan ID 210-107153, Korea - Clause 3, Article 58-2 of Radio Waves Act
Radio Type	Bluetooth 5 LE
Temperature Compensation	None
USB Connection	USB (Micro B)
Wetted Materials	316 Stainless Steel
Wireless	Bluetooth
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)

Sensor A (Bottom)

Thermal Probe	1/8 in / 3.18 mm diameter, 12 in / 30.5 cm long, bottom mount
Wetted Materials	316 Stainless Steel
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
Accuracy - Temperature Measurement	+/- (0.15 +0.002*|t|)°C (IEC 60751 Class A)
Country of origin	USA
Temperature Units	°C, °F, K, R
Max Probe Temperature	300 °F / 150 °C
Min Probe Temperature	-22 °F / -30 °C