

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, backlit 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 |
| Datalogging | 870 Readings (onboard) |
| Electrical Rating | 50 mA @ 5 VDC |
| Harmonized Code | 9026.20.0000 |

Specs/Attributes

| | |
|---------------------------|--|
| 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 |
| 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 |