

Part No.

LC10-GX2H

LC10 pressure gauge, 15,000 psi / 100 MPa, 1/4" Female High Pressure bottom connection

The LC10 is a robust device that measures and displays pressure readings on a large, backlit screen. The LC10 has the ability to show High and Low pressure values on-screen, change between 15 different engineering units or add custom engineering units. The included PC FieldLab Desktop software can be used for calibration, testing and live viewing of pressure.



LC10-GX2H

Specs/Attributes

| | |
|---------------------------|---|
| 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 |
| Data Logging | 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 |
| Min Operating Temperature | -4 °F / -20 °C |
| Operating Altitude (max) | 10,000 ft (3050 m) |
| Panel Mount | No |
| Primary Power | Battery Power |

Specs/Attributes

| | |
|-----------------------------|--|
| Process Connection Location | Bottom mount |
| 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 |
| USB Connection | USB (Micro B) |
| Wetted Materials | 316 Stainless Steel |
| Weight | 12.6 oz / 355 grams |
| Dimensions | H: 1.75 in (4.45 cm) x W: 3.4 in (8.64 cm) x D: 3.1 in (7.87 cm) |

Sensor A (Bottom)

| | |
|---------------------------------|---|
| Country of origin | USA |
| Sensor Type | Pressure Sensor |
| Process Connection | 9/16-18 Female High Pressure (1/4 HP) |
| Max Storage Temperature | 165 °F / 75 °C |
| Min Storage Temperature | -40 °F / -40 °C |
| Accuracy - Pressure Measurement | +/- 0.25% of Full Scale (ASME B40.100 Grade 3A/ISO Class 0.25) |
| Burst Pressure | 60000 PSI / 4135 bar / 415 MPa |
| Max Operating Temperature | 120 °F / 50 °C |
| Min Operating Temperature | -4 °F / -20 °C |
| Wrench Size | 7/8 In 23 mm |
| Measurement Type | Gauge Pressure |
| Max Pressure | 15000 PSI / 1000 bar / 100 MPa |
| Wetted Materials | 17-4 Stainless Steel |
| Engineering Units | atm, bar, cmHg @ 0°C, ftH2O @39°F, inHg @39°F, kgf / cm ² , MPa, psi |
| Media Compatibility | Air, Alcohol, Antifreeze, Ethylene Glycol, Hydraulic Oil, Inert Gas, Light motor oil, Mineral Oil, Natural Gas, Petroleum Based Oil, Ralston Calibration Oil, Skydrol, Transmission fluid, Water, Windshield washer fluid |
| Max Vacuum | 0.00 InHg / 0.0 kPa |