

Part No.

# LC10-GL2M

LC10 pressure gauge, 300 psi / 20 bar / 2 MPa, 1/4" Male NPT 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-GL2M

## Specs/Attributes

|                                 |   |
|---------------------------------|---|
| Accuracy - Pressure Measurement | +/- 0.25% of Full Scale (ASME B40.100 Grade 3A/ISO Class 0.25)  |
| Battery Count                   | 2   |
| Battery Life                    | 1500 Hours  |
| Battery Type                    | AA Alkaline (IEC-LR6)   |
| Burst Pressure                  | 1200 PSI / 83 bar / 8.30 MPa  |
| 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   |
| Engineering Units               | atm, bar, cmH2O @4°C, inH2O @39°C, kPa, MPa, mbar, psi, inHg @39°F, kgf / cm^2, mmHg @0°C, Torr, ftH2O @39°F, cmHg @ 0°C, oz / in^2   |
| 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 Pressure                    | 300 PSI / 20 bar / 2.00 MPa   |
| Max Storage Temperature         | 165 °F / 75 °C  |
| Measurement Type                | Gauge Pressure  |

## Specs/Attributes

|                             |   |
|-----------------------------|---|
| 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 Storage Temperature     | -40 °F / -40 °C   |
| Operating Altitude (max)    | 10,000 ft (3050 m)  |
| Panel Mount                 | No  |
| Primary Power               | Battery Power   |
| Process Connection          | 1/4" Male NPT   |
| 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, Pressure Sensor  |
| Temperature Compensation    | None  |
| USB Connection              | USB (Micro B)   |
| Wetted Materials            | 316 Stainless Steel   |
| Wrench Size                 | 7/8 In<br>23 mm   |
| Weight                      | 12.6 oz / 355 grams   |
| Dimensions                  | H: 1.75 in (4.45 cm) x W: 3.4 in (8.64 cm) x D: 4.1 in (10.41 cm)   |