Part No.

LC20-GLTC15-00-00

LC20 pressure gauge, 300 psi / 2 MPa, 1.5 inch Triclamp Sanitary Diaphragm seal bottom connection

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

LC20-GLTC15-00-00

Specs/Attributes

Battery Count	2
Battery Life	1000 Hours
Battery Type	AA Alkaline (IEC-LR6)
Bluetooth Radio Installed	No
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
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
Panel Mount	No
Primary Power	Battery Power

Specs/Attributes

Process Connection Location	Bottom mount
Protection Class	Pollution Degree 2 (UL / IEC 61010-1)
Temperature Compensation	None
USB Connection	USB (Micro B)
Wetted Materials	316 Stainless Steel
Wireless	None
Connector End 1	1.5 inch Male Sanitary Tri-Clamp Diaphragm Seal
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)

Sensor A (Bottom)

Process Connection	1.5 inch Male Sanitary Tri-Clamp Diaphragm Seal
Max Storage Temperature	165 °F / 75 °C
Min Storage Temperature	-40 °F / -40 °C
Burst Pressure	1200 PSI / 83 bar / 8.30 MPa
Max Operating Temperature	120 °F / 50 °C
Min Operating Temperature	-4 °F / -20 °C
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, Oxygen (If Oxygen cleaned)
Accuracy - Pressure Measurement	+/- 0.1% of Full Scale (ASME B40.100 Grade 4A/ISO Class 0.1)
Engineering Units	atm, bar, cmH2O @4°C, inH2O @39°C, kPa, MPa, mbar, psi, inHg @39°F, kgf / cm^2, mmHg @0°C, Torr, mmH2O @4°C, ftH2O @39°F, cmHg @ 0°C, oz / in^2
Country of origin	USA
Measurement Type	Gauge Pressure
Max Pressure	300 PSI / 20 bar / 2.00 MPa
Wetted Materials	316 Stainless Steel, 18-24 Ra
Sensor Type	Pressure Sensor
Max Vacuum	0.00 InHg / 0.0 kPa
Certifications	3-A Certified (Diaphragm Seal)
Materials	316L SS, Electropolished