

Part No.

LC20-GJ2M-GF2M-00

LC20 pressure gauge, 100 psi bottom, 30 psi top connection, both 1/4" Male NPT

The LC20 is a robust device that measures and displays pressure readings on a large, backlit 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-GJ2M-GF2M-00

Specs/Attributes

Battery Count	2
Battery Life	1000 Hours
Battery Type	AA Alkaline (IEC-LR6)
Burst Pressure	400 PSI / 28 bar / 2.80 MPa
Calibration Certificate	NIST traceable (included)
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
Datalogging	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

Specs/Attributes

Materials	ABS / Polycarbonate Blend, Powder Coated Aluminum
Max Operating Temperature	120 °F / 50 °C
Max Pressure	100 PSI / 7 bar / 700 kPa
Media Compatibility	Inert Gas, Natural Gas, Petroleum Based Oil, Water
Min Operating Temperature	-4 °F / -20 °C
Panel Mount	No
Primary Power	Battery Power
Process Connection Location	Bottom mount
Protection Class	Pollution Degree 2 (UL / IEC 61010-1)
Temperature Compensation	None
USB Connection	USB (Micro B)
W1 Radio Installed	No
Wetted Materials	316 Stainless Steel
Connector End 1	1/4" Male NPT (ASME B1.20.1)
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)

Max Storage Temperature	165 °F / 75 °C
Min Storage Temperature	-40 °F / -40 °C
Burst Pressure	400 PSI / 28 bar / 2.80 MPa
Max Operating Temperature	120 °F / 50 °C
Min Operating Temperature	-4 °F / -20 °C
Process Connection	1/4" Male NPT
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 - 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	100 PSI / 7 bar / 700 kPa
Wetted Materials	316 Stainless Steel
Sensor Type	Pressure Sensor

Sensor A (Bottom)

Wrench Size	7/8 In 23 mm
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Sensor B (Top)

Max Operating Temperature	120 °F / 50 °C
Min Operating Temperature	-4 °F / -20 °C
Process Connection	1/4" Male NPT
Burst Pressure	120 PSI / 8.3 bar / 830 kPa
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 - 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, mbar, psi, inHg @39°F, kgf / cm^2, mmHg @0°C, Torr, mmH2O @4°C, ftH2O @39°F, cmHg @ 0°C, oz / in^2
Measurement Type	Gauge Pressure
Max Pressure	30 PSI / 2 bar / 200 kPa
Wetted Materials	316 Stainless Steel
Sensor Type	Pressure Sensor
Country of origin	USA
Wrench Size	7/8 In 23 mm
Max Storage Temperature	165 °F / 75 °C
Min Storage Temperature	-40 °F / -40 °C