

Part No.

LC30-GH2M-00-W1

LC30 panel mount pressure gauge, 50 psi / 3.5 bar / 350 kPa, 1/4" Male NPT back conn., Wireless radio

The LC30 is a robust device that measures and displays pressure readings on a large, backlit screen. It is AC powered with a battery backup. The LC30 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 logging pressure.



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Specs/Attributes

Accuracy - Pressure Measurement	+/- 0.1% of Full Scale (ASME B40.100 Grade 4A/ISO Class 0.1)
Backup Power	AAA Alkaline (IEC-LR03)
Battery Count	2
Battery Life	1000 Hours
Burst Pressure	200 PSI / 14 bar / 1.40 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
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
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	50 PSI / 3.5 bar / 350 kPa

Specs/Attributes

Max Storage Temperature	165 °F / 75 °C
Measurement Type	Gauge Pressure
Media Compatibility	Inert Gas, Natural Gas, Petroleum Based Oil, Water, Air
Min Operating Temperature	-4 °F / -20 °C
Min Storage Temperature	-40 °F / -40 °C
Operating Altitude (max)	10,000 ft (3050 m)
Panel Mount	Yes
Power Input	90-264 VAC, 50-60 Hz
Primary Power	AC Mains Power
Process Connection	1/4" Male NPT
Process Connection Location	Back mount
Protection Class	Pollution Degree 2 (UL / IEC 61010-1)
Radio Approvals	FCC ID VW4A091732, IC ID 11019A-091732
Radio Type	RI Wireless (Long Range)
Relative Humidity	0% to 90% (-10 to 35°C) , 0% to 70% (35 to 50°C)
Sensor Type	Pressure Sensor
Temperature Compensation	None
USB Connection	USB (Micro B)
W1 Radio Installed	Yes
Wetted Materials	316 Stainless Steel
Wireless Range	330 ft / 100 m
Wrench Size	7/8 In 23 mm
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)