

Part No.

LC20-GJ2M-TX125-W1

LC20 Pressure / temperature gauge, 100 psi bottom connection, 1/4" M

The LC20 is a robust device that measures and displays



LC20-GJ2M-TX125-W1

Specs/Attributes

Accuracy - Pressure Measurement	+/- 0.25% of Full Scale (ASME B40.100 Grade 3A/ISO Class 0.25)
Accuracy - Temperature Measurement	+/- (0.15 +0.002* t) °C (IEC 60751 Class A)
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 Connection	M12 female, A Code, Silicone seal, IP67
Electrical Rating	50 mA @ 5 VDC

Specs/Attributes

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
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	100 PSI / 7 bar / 700 kPa
Max Probe Temperature	300 °F / 150 °C
Max Storage Temperature	165 °F / 75 °C
Measurement Type	Gauge Pressure, Temperature
Media Compatibility	Inert Gas, Natural Gas, Petroleum Based Oil, Water, Air, Alcohol, Antifreeze, Ethylene Glycol, Hydraulic Oil, Mineral Oil, Skydrol, Windshield washer fluid, Transmission fluid, Light motor oil, Ralston Calibration Oil
Min Operating Temperature	-4 °F / -20 °C
Min Probe Temperature	-22 °F / -30 °C
Min Storage Temperature	-40 °F / -40 °C
Panel Mount	No
Primary Power	Battery Power
Process Connection	1/4" Male NPT
Protection Class	Pollution Degree 2 (UL / IEC 61010-1)
Radio Approvals	FCC ID VW4A091732, IC ID 11019A-091732
Radio Type	RI Wireless (Long Range)
Sensor Type	Pressure Sensor
Temperature Compensation	None
Temperature Units	°C, °F, K, R
Thermal Probe	1/4 in / 6.35 mm diameter, 12 in / 30.5 cm long, external cable, 20 ft / 6.1 m long
USB Connection	USB (Micro B)
W1 Radio Installed	Yes
Wetted Materials	316 Stainless Steel
Wireless Range	330 ft / 100 m
Wrench Size	23 mm 7/8 In
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)