

Part No.

FLP1-GF-2B-W1

FieldLab Pressure, 30 psi / 2 bar / 200 kPa, 1/4" Male BSPP bottom conn., Wireless module

A brand new way of thinking about calibration - use this FieldLab to create tests, put them on one or more FieldLabs, log the results and get the data onto a PC easily and quickly.



FLP1-GF-2B-W1

Specs/Attributes

Burst Pressure	120 PSI / 8.3 bar / 830 kPa
Calibration Certificate	NIST traceable (included)
Certifications	Certified to CSA Standard C22.2 No. 61010-1, Conforms to UL / IEC / EN / AS Standard No. 61010-1, North America - Class 1 Division 1 Groups A-D, T4, (-10 < Ta < 50 °C), ATEX - Ex II 1 G Ex ia IIC T4 Ga (-10 < Ta < 50 °C), IECEx - Ex ia IIC T4 Ga (-10 < Ta < 50 °C), UN/DOT 38.3 (Lithium Batteries), 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	2 million points
LCD Display	3.5 in / 90mm Color TFT LCD Display
Materials	Reinforced Polyamide
Max Operating Temperature	120 °F / 50 °C

Specs/Attributes

Max Pressure	30 PSI / 2 bar / 200 kPa
Max Storage Temperature	165 °F / 75 °C
Max Vacuum	30 InHg / 101.6 kPa
Measurement Type	Gauge Pressure
Media Compatibility	Air, Inert Gas, Natural Gas, Petroleum Based Oil
Min Operating Temperature	14 °F / -10 °C
Min Storage Temperature	-20 °F / -29 °C
Mounting Holes	3 x M5 Inserts (10 mm deep)
Panel Mount	No
Power Input	90-264 VAC, 50-60 Hz
Pressure Measurement Uncertainty	+/- 0.02% of Full Scale (0-20% of Full Scale), +/- 0.1% of Reading (20-100% of Full Scale), +/- 0.25% of Full Scale (Vacuum)
Primary Power	Battery Power
Process Connection	G 1/4 Male BSPP (ISO 228)
Relative Humidity	0% to 90% (-10 to 35 °C) , 0% to 70% (35 to 50 °C)
Seal Materials	Teflon, Viton
Sensor Type	High Precision MEMS
USB Connection	USB (Type B)
Wetted Materials	316 Stainless Steel
Weight	2.56 lbs / 1.16 kg
Dimensions	H: 9 in (22.86 cm) x W: 5 in (12.7 cm) x D: 2.5 in (6.35 cm)