Part No.

# FLP1-GL-QM

*FieldLab Pressure, 300 psi / 20 bar / 2 MPa, Male Quick-test bottom connection*

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-GL-QM

## Specs/Attributes

| | |
|---|---|
| Accuracy - Pressure Measurement | +/- 0.02% of Full Scale (0-20% of Full Scale), +/- 0.1% of Reading (20-100% of Full Scale) |
| Battery Count | 1 |
| Battery Life | 1000 Hours |
| Battery Type | Lithium Ion rechargeable, 4.8 Ah Capacity |
| Burst Pressure | 1200 PSI / 83 bar / 8.30 MPa |
| Calibration Certificate | ISO 17025:2017 Accredited |
| 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 Adapters | North America, Europe, United Kingdom, Australia, China |

## Specs/Attributes

| | |
|---|---|
| Country of origin | USA |
| Datalogging | 2 million points |
| 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 |
| FieldLab Model | FLP1-GL |
| Harmonized Code | 9026.20.0000 |
| LCD Display | 3.5 in / 90mm Color TFT LCD Display |
| Materials | Reinforced Polyamide |
| Max Operating Temperature | 120 °F / 50 °C |
| Max Pressure | 300 PSI / 20 bar / 2.00 MPa |
| Max Process Media Temperature | 120 °F / 50 °C |
| 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, Water |
| Min Operating Temperature | 14 °F / -10 °C |
| Min Process Media Temperature | 14 °F / -10 °C |
| Min Storage Temperature | 0 °F / -18 °C |
| Mounting Holes | 3 x M5 Inserts (10 mm deep) |
| Operating Altitude (max) | 10,000 ft (3050 m) |
| Power Input | 90-264 VAC, 50-60 Hz |
| Primary Power | Battery Power |
| Process Connection | Male Quick-test |
| Protection Class | Pollution Degree 2 (UL / IEC 61010-1) |
| Reference Connection | None |
| 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 |
| Connector End 1 | Male Quick-test |
| 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) |