

General Specifications

Instrument setup recall	Last used on power-up
Environmental	Operating temperature -10°C to +50°C Storage temperature (without batteries) -20°C to +60°C
Altitude	2,000 meters
Weight	03539 kg (1 lb 3 oz)
Power requirements	6.0 v dc
Battery life	>35 hours, typical usage
Batteries required	(4) Standard AA cells
Dimensions (HxWxD)	7.9" X 4.3" X 2.3" (20 cm X 11 cm X 5.8 cm)
Connectors/ports pressure	Two, 1/8 in NPT, 700P Series Pressure Module; RTD Probe

Electrical and Temperature Measurement 1-Year

Function	Range	Resolution	Accuracy
mA measure	0 to 24 mA	0.001 mA	±0.015% of rdg ±0.002mA
VDC measure	0 to 30 VDC	0.001V	±0.015% of rdg ±0.002V
*Temperature measure (R ⁺ Ohms)	-40°C to 150°C (-40°F to 302°F)	0.01°C, 0.0°F	±0.015% of rdg ±0.02 ohms ±0.1°C (±0.2°F) ±0.25 degC (±0.45 degF) comb. uncertainty w/720 RTD probe accy.
Loop power supply	24V	N/A	24 mA @ 24V

*Temperature measurement requires optional Fluke-720RTD Pt-100 RTD probe available as an accessory

Temperature Effect

No effect on accuracy on all functions from 15 °C to 35 °C
Add ± 0.002 % F.S./°C for temps outside of 15 °C to 35 °C

Available Pressure Engineering Units

psi, bar, mbar, kPa, kgcm², cmH₂O@4°C, cmH₂O@20°C, mH₂O@4°C, mH₂O@20°C, inH₂O@4°C, inH₂O@20°C, inH₂O@60°F, mmHg@0°C, inHg@0°C, ftH₂O@4°C, ftH₂O@20°C, ftH₂O@60°F