

Pressure Loggers and Transmitters with 3" Display

- Record pressure, temperature or both simultaneously
- Available with 4-20 mA output
- Optional free app turns your Android™ phone or tablet into a data retrieval device

Get the benefits of a digital pressure gauge and data logger in a single instrument! These compact battery-powered data loggers capture up to 130,000 readings of both pressure and temperature; or maximize data storage space by recording either parameter alone. Select models also include a scaleable 4-20 mA 4-wire transmitter output (external 24 VDC power supply required; sold separately). The intuitive backlit multi-line LCD displays real time data, alarms and min/max values. A bar graph lets you keep track of the process at a glance. Rotate the head and display up to 359° for precise positioning.

Configuring your logger is easy. Just download and install the free software onto your computer, plug your logger in using the USB cable, configure it, and you're ready to record and analyze data. Set the logger to start and stop at predetermined times, or when there is an alarm condition.

A second, optional package is available as a free app from Google Play™ that turns your Android device into a data retrieval device. This app features email functionality to send data files from the field, plus lets you clear memory and start/stop recording. App requires USB On-The-Go Cable (stock # 75719).

Includes: 1/4" NPT(M) mounting fitting, lithium battery, free software download and USB interface cable. Android device not included.



Powerful data logger, transmitter and indicator in one package!



Android app allows transfer of data in the field!

Accuracy	
Pressure:	±0.25%
Temperature:	±0.5°C from 0 to 50°C (32 to 122°F) ±2°C from -20 to 85°C (-4 to 185°F)
Units:	psi, kPa, MPa, bar, atm, torr, mm Hg, cm Hg, in Hg, milliBar, pascal, in H ₂ O
Display:	backlit two-line LCD with multi-segment bar graph (0-100% indication), alarm icons
Data storage:	130,000 temperature and/or pressure measurements
Sample interval:	2 seconds to 24 hours
Record trigger:	Two independent triggers with choice of trigger modes: instantaneous, button control, on high/low alarm condition, time and date (start and stop), day of week
Power supply	
Standard models:	replaceable lithium battery (up to 3 year life with 1-minute logging interval)*
4-20 mA output models:	24 VDC ±10%, 1.2 W max
Output:	4-20 mA, 4-wire (4-terminal detachable DIN wiring connector)
Operating temp:	-4 to 185°F (-20 to 85°C)
Process connection:	1/4" NPT(M)
Software:	Windows® compatible for export to Excel®
Interface:	USB
Wetted material:	316L stainless steel
Case material:	anodized aluminum, IP67 rated (IP65 for models with 4-20 mA output)
Dimensions:	2.94"Dia x 1.82"D x 4.78"H

*Typical battery life; results may vary.

Pressure & Temperature Loggers

PRESSURE RANGE	STANDARD		WITH 4-20 mA OUTPUT	
	STOCK #	EACH	STOCK #	EACH
0 to 35 psi	75714	\$	22112	\$
0 to 150 psi	75715		22113	
0 to 350 psi	75716		22117	
0 to 550 psi	75717		22148	
0 to 2000 psi	75718		22189	

Replacement Items & Accessories

DESCRIPTION	STOCK #	EACH
USB On-The-Go Cable	75719	\$
Replacement Lithium Battery (Standard Models Only)	10957	
Power Supply, 24 VDC, 15W (4-20 mA Models Only)	74178	
Shielded Instrument Wire, 22/3 Gauge	42740	/ft
Pressure Snubber, 1/4" NPT (M x F), 316 SS	10733	
Chrome Hydrant Adapter, 2 1/2" NST x 1/4" NPT(F)	65257	
Garden Hose Adapter, 3/4" GHT x 1/4" NPT(F)	45330	

4 1/2" Ashcroft® Digital Pressure Gauge/Transmitters



- Does the job of a gauge, plus a transmitter or switch!
- IP65 weatherproof case
- Choose from 4-20 mA output or two SPDT relay outputs



Save money, time and space—these multi-functional digital pressure gauges also serve as a pressure transmitter or pressure switch! Use them to record min/max and peak pressure. Configuration is simple on the easy-to-read menu-driven LCD screen.

Choose from loop-powered gauges with a 4-20 mA output or line-powered gauges with two SPDT (0.5A @ 125 VAC) relay outputs. Both feature battery-powered local indication.

Includes: weatherproof case and two C batteries.

Accuracy:	±0.25% full scale
Units:	psi, mm Hg, in H ₂ O, mBar, ft H ₂ O, mPa, kPa, Bar, kg/cm ²
Process connection:	1/4" NPT(M), bottom
Wetted materials:	17-4 PH SS sensor, 316 SS socket
Case material:	fiberglass-reinforced thermoplastic
Power:	12 to 36 VAC; 1A; batteries: 2 C alkaline (included), over 3600 hours

RANGE	LOOP POWERED (4-20 mA)		LINE POWERED (2 SPDT RELAYS)	
	STOCK #	EACH	STOCK #	EACH
0 to 30 psi	34495	\$	48885	\$
0 to 60 psi	34496		48886	
0 to 100 psi	34497		48887	
0 to 200 psi	34498		48888	
0 to 300 psi	34499		48889	