



Features

- Low cost, small and portable
- Pressure measurement range -1 to 1000 bar, -14.5 to 15 000 psi
- Voltage and current measurement
- Simultaneous display of pressure and selected function
- Timed / Event data storage with date & time stamping
- RS232 data communication link
- Pressure switch test
- Leak rate measurement 1 second to 999 days
- Maximum and minimum pressure measurement
- Display hold facility
- Supply output for transducer / transmitter
- Tare pressure offset values
- Pressure module temperature measurement
- Resolution variation facility
- External pressure module (EPM) interchangeability for required pressure ranges
- Windows based software 'SiCal' for remote control operation and data transfer into many applications. (Optional)
- CE marked

Details

Model	Range		Caution Pressure (FS)	Overload Pressure (FS)	Accuracy (FS)	Resolution (FS) Better than
	psi	bar				
PC6-C-2	-14.5 to 30	-1 to 2	5%	10%	0.025% / 0.05%	0.01%
PC6-C-5	-14.5 to 70	-1 to 5	5%	10%	0.025% / 0.05%	0.01%
PC6-C-10	-14.5 to 145	-1 to 10	5%	10%	0.025% / 0.05%	0.01%
PC6-C-20	-14.5 to 300	-1 to 20	5%	10%	0.025% / 0.05%	0.01%
PC6-C-40	0 to 600	0 to 40	5%	10%	0.025% / 0.05%	0.01%
PC6-C-70	0 to 1000	0 to 70	5%	10%	0.025% / 0.05%	0.01%
PC6-C-200	0 to 3000	0 to 200	5%	10%	0.025% / 0.05%	0.01%
PC6-C-350	0 to 5000	0 to 350	5%	10%	0.025% / 0.05%	0.01%
PC6-C-700	0 to 10 000	0 to 700	5%	10%	0.025% / 0.05%	0.01%
PC6-C-1000	0 to 15 000	0 to 1000	5%	10%	0.025% / 0.05%	0.01%

Specifications

Pressure units	psi, bar, mH ₂ O, inHg, mmHg, kPa, kgf/cm ² , atm	
Overload Warning	Flashing display and audible tone	
Overload	Flashing display and audible tone. Calibration message at power on	
Temperature Display	Temperature of pressure sensor module	
Voltage Measurement	0 to 50V dc ±0.05% FS	
Current Measurement	0 to 50mA dc ±0.05% FS	
Voltage Output	Regulated DC supply 10V ± 0.1% max. current 30mA Unregulated DC supply 18V ± 15% max. current 30mA	
Pressure Switch Test	Status OPEN / CLOSED	
Operating Temperature	0 to 40°C	
Calibration Temperature	20°C ± 2	
Storage Temperature	-20 to +70°C	
Temperature Effects	0.01% of reading/°C between 10...40°C	
RS232 Parameters	Baud rate 110, 300, 1200, 2400, 4800, 9600, stop bits 1 or 2, status ON or OFF	
Zero Reset	Manual - keyboard operation	
Data Capacity	8K memory - 20 files max, 176 records max. 1 record = 1 LCD full	
Display	Backlit LCD, 16 characters x 2 line alpha numeric	
Pressure Media	Water, Oil, Non-corrosive gases (for other media contact us)	
Humidity	5 to 95% relative humidity non condensing	
Resolution Select	Increase or decrease resolution by a factor of 10	
Power Supply	6V rechargeable battery / mains operation via charger (supplied)	
Low Battery	Continuous check, audio and visual warning	
Dimensions	92 x 110 x 59mm	
Weight	1.2 kg	
Electrical Connections	Voltage / Current Input	Standard 2mm sockets
	Voltage Output	Standard 2mm sockets
	Pressure Switch	Standard 2mm sockets
	Battery Charger	2-pole connector
	RS232	8-pole connector
	EPM	14-pole connector
Pressure Connection	3/8" BSP male 'quick-fit' (Pneumatic) 3/8" BSP female 'quick-fit' (Hydraulic)	