



2024P & 2084P

Continuing with the success of the 2000 series range of handheld instruments Digitron have introduced the 2024P and 2084P models to their pressure range. The instruments have a range of 10-500 bar and are customer scaleable for use with external transducers.

Key Features 2024P

- Customer scaleable
- Handheld
- 500 bar maximum range
- Backlit display
- Multiple pressure range configuration
- Out of range warning
- Zeroing
- Selectable auto switch off
- 7 pre set engineering units
- Range lock max/min recorder
- Smoothing
- 2 years warranty



Key Features 2084P (Logging Version)

- Customer scaleable
- Handheld
- 500 bar maximum range
- Backlit display
- Multiple pressure range configuration
- Out of range warning
- Zeroing
- Selectable auto switch off
- 7 pre set engineering units
- Range lock max/min recorder
- Smoothing
- 2 years warranty
- Automatic Leak Testing
- 250 memory logging on demand or at present intervals
- Max/min and averaging recorder
- 4-digit reference coding of logged data
- Infa red serial interface to connect via Digilink interface direct to a serial printer or PC



TECHNICAL DATA



2024P & 2084P

Technical Specification

Pressure Range	selectable in bar with sensitivity range selectable in mV 10.0 to 500.0 (in 5 bar steps) with 1 to 50 mV (in 1 mV steps)
Power Supplied	+5 Volts (±0.25 Volts equivalent to 5%)
Wiring Instructions	Red Wire = +Supply Blue Wire = -Supply Green Wire = +Signal Yellow Wire = -Signal with translink cable
Instrument Accuracies	From +20°C to +30°C/+68°F to +86°F 0.1%rdg +0.1%fs + 1 digit From -10°C to +50°C/+14°F to +122°F 0.15%rdg +0.15%fs + 1 digit

WARNING: care should be taken to ensure wiring instructions are followed as the incorrect wiring of the cable to the transducer may cause damage to the instrument.

Digitron can supply a range of suitable pressure transducers for these instruments according to the pressure ranges

0-10 barg	0-160 barg
0-25 barg	0-250 barg
0-40 barg	0-400 barg
0-60 barg	0-500 barg
0-100 barg	

Transducer Specification

Enclosure connection	DIN 43650 plug & Socket
Enclosure Rating	IP65
STD Pressure Connection	¼" BSP Male (others on request
Accuracy	
Combined non-linearity/hysteresis	<±0.25% F.S.O
Repeatability	<±0.1% F.S.O
Long Term Stability	<±0.2% F.S.O

Transducer accuracy needs to be combined with instrument for total accuracy



Digitron
 Pressure Transducers
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