

P440 SERIES PRESSURE INDICATORS

Digitron's P440 Series pressure indicators are designed for use with TransInstruments 2000 Series pressure transducers (100mV output versions).

- **Highly accurate performance**
- **Large LED display**
- **Easy to use**
- **Controller model**
- **No site calibration required**
- **Superb value**

● **Two models**

Model P445 indicator and model P448 indicator with single set point.

Decimal point selection allows 5 variants of each model to cover the TransInstruments range of 14 transducers, calibrated in bar:

0-1,	0-10,	0-100 bar
0-1.6,	0-16,	0-160 bar
0-2.5,	0-25,	0-250 bar
0-4,	0-40,	0-400 bar
0-6,	0-60 bar	

● **Cost-effective**

The combination of the P440 Series pressure indicators and the TransInstruments 2000 Series pressure transducers gives a cost-effective solution to pressure measurement requirements, by matching stock items without the need for calibration.

The P440 Series can be used with other strain gauge pressure transducers and strain gauge devices.

The instruments give a 10V dc excitation voltage and can be adjusted to give full scale indication for other than 100mV. Compatible TransInstruments 2000 Series transducers are available from Digitron.

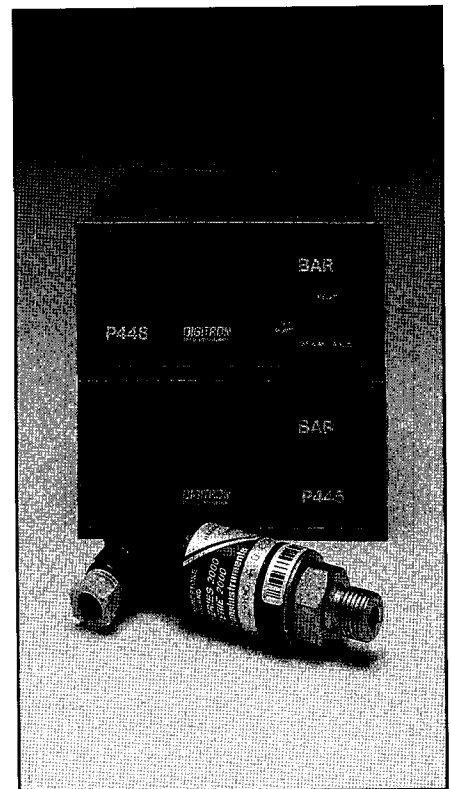
● **Reliable**

Both models are subjected to detailed inspection and a rigorous testing programme before being calibrated on equipment traceable to National Standards. Both are also supplied with a 12 month warranty on parts and labour.

● **Applications include:**

Continuous monitoring of:

- Air
- Compressors
- Engines
- Gas
- Heating and ventilating
- Industrial hydraulics
- Mobile hydraulics/off road vehicles
- Oil
- Refrigeration
- Water



P440 SERIES SPECIFICATION

Input	100mV full scale output from TransInstruments 2000 Series transducer
Transducer/Excitation Voltage	10V dc
Display	3 1/2 digit, 13.5mm LED
Range	0-100.0, 0-160.0, 0-250, 0-400, or 0-600 counts
Decimal Point Position	Selectable using jumper link
Indicator Accuracy	0.2% of reading ± 1 count
Power Supply	230/115V ac $\pm 15\%$ (selectable) 50/60 Hz
Zero and Span Control	Adjustable pot, access from behind front panel
Operational Temperature Range	0-40°C
Dimension	96 x 48 x 68.1mm (After DIN 43700)
Cut Out	92 x 45mm + 1.0mm - 0.0mm
Changeover Relay (Model P448 only)	Heavy duty Silver Cadmium Oxide 5 amps resistive load @ 240V ac
Setpoint Hysteresis (Model P448 only)	Adjustable pot (± 1 count up to ± 10 counts), access through vents on right hand side of case

DIGITRON
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