



Pressure

Type PR4000B

DIGITAL POWER SUPPLY AND READOUT

The Type PR4000B is a RoHS-compliant Digital Power Supply and Display module. It is available with either one or two channels, and has a 4.5 place backlit LCD display as standard. Both versions support internal or external set points and master/slave control schemes. The single-channel version can control one Baratron® pressure transducer or one Mass-Flo® meter or controller. The dual-channel version supports up to two pressure transducers or two mass flow controllers, or one of each.

Engineering units are user-selectable as Torr, mTorr, kTorr, Pa, kPa, cmH₂O, psi, N/qm, µbar, mbar and bar for pressure transducers; sccm, scm, slm, scfm, scfh for flow meters or controllers and V, % and °C.

Features & Benefits

- Fully software & hardware compatible to PR4000A
- Versatile 4½-place digital LCD display/ power supply unit for use with most MKS general purpose Baratron® pressure transducers and Mass-Flo® controllers (see ordering information)
- Digital RS-232 interface standard; RS-485 interface optional on two-channel models
- User-selectable engineering units for both pressure transducers and flow devices
- Menu-driven with simple set-up and operation
- Two fully adjustable relay outputs for limit monitoring
- Analog input/output with 16-bit resolution
- Half 19-inch rack mount or table top
- Auto zero capability
- 1.5 Amp high power output for temperature controlled manometers
- CE and RoHS (Reduction of Hazardous Substances) compliant

Measurement & Control

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