

PRESSURE TRANSDUCER & DIGITAL DISPLAY



Maximum working pressure 700 Bar

Pressure readings in Bar and PSI

0.5% full scale accuracy

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The Hi-Force HPT1 pressure transducer offers an economical solution for precise pressure measurement in many different applications. Offering an accuracy of 0.5%, this universal pressure transducer is capable of measuring hydraulic pressure up to 700 bar (10,000 psi).

The Hi-Force HDD1 digital display complements the HPT1 pressure transducer for applications where remote pressure reading is preferred. A cable permanently attached to HDD1 terminates with an M12 receptacle which connects to the HPT1 pressure transducer. A choice of pressure unit in bar or psi is easily selected via panel buttons, conveniently located below the LCD display that provides clear easy to read measurements. Additional features include minimum and maximum value, average value, tare offset and reset.

- >> IP65 enclosure rating
- >> Compact size with large LCD display
- >> 0.5% full scale accuracy
- >> Pressure reading in Bar or PSI
- >> Display voltage 18-32 VDC, supplied including power supply unit
- >> Suitable gauge mounting blocks can be found on Page 53

Pressure transducer:

Model number	Pressure range Bar	Pressure range PSI	Connection thread	Accuracy percentage full scale	Cable length m	Weight kg
HPT1	0-700	0-10000	¼"-18NPT	0.5	2	0.1

Digital display unit:

Model number	Pressure reading Bar	Pressure reading PSI	Display size L x H mm	Overall size L x W x H mm	Voltage VDC	Weight kg
HDD1	0-700	0-10000	76 x 25	120 x 110 x 40	18 - 32	0.3