

DATA SHEET

Pressure Transducers



82-P0700 700bar pressure transducer with 82-P0349/ELT connection cable

General description

They provide a very accurate electrical signal strictly proportional to the pressure of the hydraulic circuit of the testing machine or apparatus. Featuring fully sealed stainless steel pressure chambers and diaphragms. The transducer use a full Wheatstone bridge circuit. The 50-Q50/PT model, mainly used for compression testing frames, is supplied complete with U-shaped metal protection. See picture.

Specifications

Accuracy: $\pm 0.5\%$

Resolution: infinite

Operating temperature range: -40 to $+100^{\circ}\text{C}$

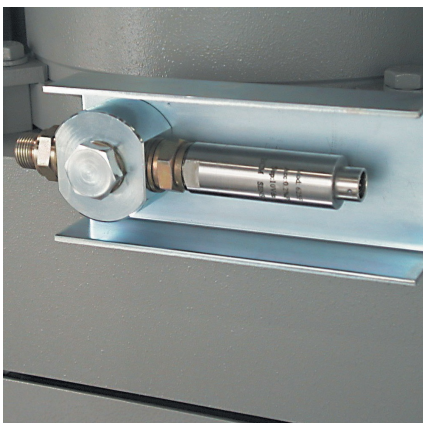
Sensitivity: 2mV/V applied (nominal)

Full scale output: 20 mV nominal

Cable: 4 core PVC insulated, 1 m length

Connection thread: $\frac{1}{4}$ BSP

Weight approx.: 150 g



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50-Q50/PT 700 bar pressure transducer complete with protection



82-P0349/ELT suitable for Smart-Line, Sercomp, MCC, Advantest control consoles and Compact-Line compression machines

Products

82-P0050

Pressure transducer 0-50 bar (connecting cable not included)

82-P0050/C

Pressure transducer 0-50 bar (connecting cable not included) with traceable calibration certificate

82-P0100

Pressure transducer 0-100 bar (connecting cable not included)

82-P0100/C

Pressure transducer 0-100 bar (connecting cable not included) with traceable calibration certificate

82-P0200

Pressure transducer 0-200 bar (connecting cable not included)

82-P0200/C

Pressure transducer 0-200 bar (connecting cable not included) with traceable calibration certificate

82-P0349/ELT

Connecting cable for pressure transducer. Suitable for Smart-Line, Sercomp, MCC, Advantest control consoles and Compact-Line compression machines.

82-P0350

Pressure transducer 0-350 bar (connecting cable not included)

82-P0350/C

Pressure transducer 0-350 bar (connecting cable not included) with traceable calibration certificate

82-P0500

Pressure transducer 0-500 bar (connecting cable not included)

82-P0500/C

Pressure transducer 0-500 bar (connecting cable not included) with traceable calibration certificate

82-P0700

Pressure transducer 0-700 bar (connecting cable not included)

82-P0700/C

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Pressure transducer 0-700 bar (connecting cable not included) with traceable calibration certificate

82-Q50/PT

700 bar pressure transducer complete with steel C-shape protection, hydraulic cylinder T-connector and connecting cable for Smart-Line, Sercomp, MCC, Advantest control consoles and Compact-Line compression machines.