Product Sheet







Submersible Load Transducer Assembly 10kN Capacity In Compression.

Code: 27-1575

Product Group: Load Measurement, Load Measurement

- •Eliminates effects of piston friction on readings
- •Unaffected by cell confining pressures
- •Easily installed in triaxial cell
- •Supplied complete with calibration certificate and 5-pin DIN type connector for use with GDU

Submersible Load Transducers are used to measure accurately the axial loads applied to triaxial test specimens. Consisting of a load cell and piston assembly these units replace the standard triaxial cell loading piston. A major advantage is that these transducers measure loads directly on top of the specimen. All transducers are supplied complete with a 5-pin DIN type connector and calibration certificate.

Specification

Dimensions 76 x 50 mm (dia x h) excluding

piston and adaptor

Overload capacity 150%

Output 27 mv full range

Excitation 11 V DC (15 V DC max)

Non-linearity 0.1% maximum

Hysteresis Deflection 0.1% maximum 0.05 mm at full

load

Side force 50% full scale maximum

without effect

1 to 50°C

Connector 5-pin DIN plug

Compensated temperature

range

Weight g 850

Accessories



Distance Piece Stainless Steel for Use with Submerisble Load Cells and Axial Strain Transducers.

Code: 27-1293

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Product Sheet





Submersible Load Transducer Assembly 5kN Capacity In Compression.

Code: 27-1573

Alternatives



Distance Piece Stainless Steel for Use with Submerisble Load Cells and Axial Strain Transducers.

Code: 27-1293



Submersible Load Transducer Assembly 5kN Capacity In Compression.

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