

C109: Pneumatic Readout

Description

The new C109 Pneumatic Readout is the ideal solution for monitoring all pneumatic transducers, including Piezometers and Total Earth Pressure Cells. A sealed weatherproof case and electronic components allows for the most accurate recordings in even the harshest of conditions.

The C109 stores up to 250 instrument locations per route with a total of 9800 time/date stamped data records. User-specified location names and previous data greatly assist the operator in data collection and analysis.

Data is transferred to a host computer via USB and the file format is compatible with Microsoft Excel® and other spreadsheet applications. The C109 Digital Pneumatic Readout ships with C109 Host Software for Windows®.

Data logger setup and data collection is done using a laptop. RST's DT Logger Host Software is also included.

C109: Pneumatic Readout Specifications

ITEM	SPECIFICATION
Display	256 x 128 graphical with backlight 12 mm characters for data
Accuracy	±0.1% F.S.
Full Scale Range	1.4 MPa / 200 psi
Resolution	1 kPa / 0.1 psi
Operating Temperature	-20 to 50°C (-4 to 122°F)
Memory	128 kB
Storage Locations	250
Total Data Records	9800
Site Identification String	Up to 20 characters
Cylinder	1.0 litre (2000 psi)
Battery	Internal lithium cell
Dimensions	44 W x 20 H x 35 D cm (17.25 W x 7.75 H x 13.75 D in.)
Automatic Flow Controller	Standard
SPECIFICATIONS	