C109 Pneumatic Readout

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®.

Pneumatics are especially suited for projects where manual readings are required and are excellent for projects where a lightning immune backup to electrical sensors is needed. Pneumatic sensors also have extreme overpressure endurance which makes them highly suited to driven pile tip load cell and explosive compaction piezometer applications.

### APPLICATIONS

Where the manual readings of pneumatic transducers including Piezometers and Total Earth Pressure Cells is required.

Bubbler readout for monitoring standpipe piezometers.

### FEATURES

- The automatic flow controller ensures accurate, repeatable readings, independent of pressure or tubing length, eliminating operator error.
- The internal pressure cylinder is refilled in place. No additional regulator is required to fill the internal cylinder. The necessary filler hose is supplied.
- Low operating flow of 35 cc/min. insures most economical use of gas.
- Relief valves protect sensitive parts from over-pressurization.
- Cylinder pressure ranges to 2000 psi (14,000 kPa) available.
- User selectable scales: psi / kPa / ft. H2O / m. H2O / mm H2O / in. H2O
- Simple one switch operation and Auto Off.
- Interfaces via CSV files to Excel®.
- Stores 250 instrument locations with 9800 total data records.
- Ability to transfer data to host computer via USB.
- Sealed weatherproof case and electronics.
- Long life lithium battery.

### BENEFITS

- High Reliability
- Custom Options

### ORDERING

<table>
<thead>
<tr>
<th>ITEM</th>
<th>PART #</th>
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<tbody>
<tr>
<td>C109 Pneumatic Readout</td>
<td>PPC109</td>
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