The calibration and adjustment of device are the important works for plant operation. The new function of FieldMate provides the efficient calibration work by combination with FieldMate “for adjustment and management of field devices” and CA700 pressure calibrator “for calibration of pressure transmitter”.
Calibration work with FieldMate

Connecting with FieldMate, CA700, and target device.

Calibration data

Device information

Measurement leads

Air tube

Different / Pressure transmitter

Pressure pump

The following items are provided by combination with FieldMate and CA700.

- Calibration settings
- Monitoring measured data
- Auto saving calibration data
- Management calibration data
- Generation calibration report
Calibration work with FieldMate

Calibration setting window

Enter the calibration settings in this window.
Calibration work with FieldMate

Calibration result are saved automatically.

Engineer can perform the calibration work with monitoring pressure data.
Calibration work with FieldMate

**Calibration result window**

The calibration result is displayed. This is the example of the calibration results of "As Found" and "As Left".

The calibration result can be outputted as a calibration report.

<table>
<thead>
<tr>
<th>Pressure Calibration Support</th>
<th>Device Tag: PT-101</th>
</tr>
</thead>
</table>

### Calibration As Found Result (3points/UpDown)

<table>
<thead>
<tr>
<th></th>
<th>Press. (kPa)</th>
<th>Current (mA)</th>
<th>Error</th>
<th>Result</th>
</tr>
</thead>
<tbody>
<tr>
<td>Up</td>
<td>0.00%</td>
<td>0.000</td>
<td>4.000</td>
<td>0.00%</td>
</tr>
<tr>
<td>Up</td>
<td>50.00%</td>
<td>49.623</td>
<td>11.938</td>
<td>-0.02%</td>
</tr>
<tr>
<td>Up</td>
<td>100.00%</td>
<td>99.091</td>
<td>19.854</td>
<td>-0.01%</td>
</tr>
</tbody>
</table>

### Calibration As Left Result (3points/UpDown)

<table>
<thead>
<tr>
<th></th>
<th>Press. (kPa)</th>
<th>Current (mA)</th>
<th>Error</th>
<th>Result</th>
</tr>
</thead>
<tbody>
<tr>
<td>Up</td>
<td>0.00%</td>
<td>0.002</td>
<td>3.999</td>
<td>-0.01%</td>
</tr>
<tr>
<td>Up</td>
<td>50.00%</td>
<td>50.418</td>
<td>12.065</td>
<td>-0.02%</td>
</tr>
<tr>
<td>Up</td>
<td>100.00%</td>
<td>99.653</td>
<td>19.944</td>
<td>-0.01%</td>
</tr>
</tbody>
</table>
The restored calibration results can be confirmed.
Calibration work with FieldMate

**Reporting Calibration result**

Calibration result can be outputted as calibration report in any format.

Calibration results

Thank you for your attention.