



100/200/500/600/652/2000psig Pressure Transducer for installation in MT Alliance™



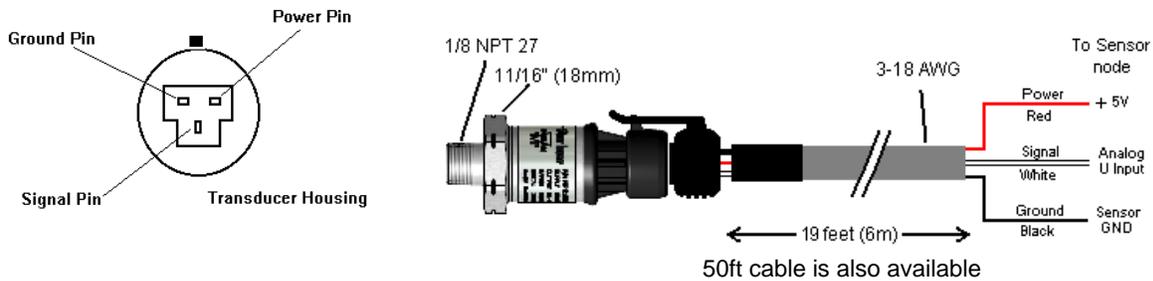
Assembled in Canada

Physical installation:

- Install on a 1/8 NPT 27 fitting pointing up to avoid liquid to be trapped in the sensor
- In high temperature application use a siphon to dissipate heat.

Electrical Installation:

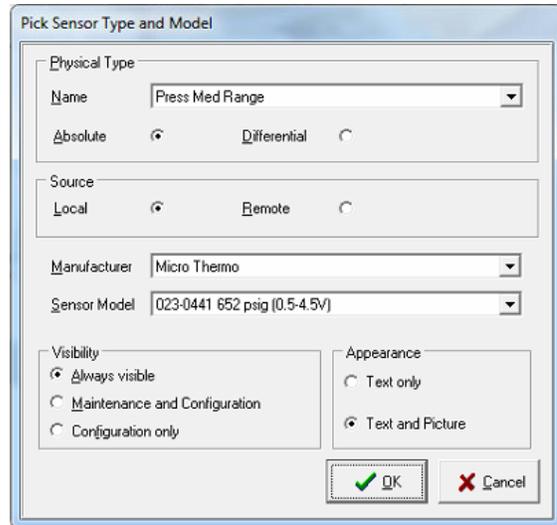
- To power the Pressure Transducer use 5VDC regulated at +/- 5% (8mA). It can be supplied from the sensor node power. The output signal accuracy is ratiometric (proportional to the power regulation). Note that the signal lead of the harness may be green or white.



MT Alliance Installation:

Select the destination subsystem, the view and zoom, enter the configuration mode and drop a sensor in the view.

| Transducer without harness | Pressure range | 19ft(6m) cable order number | NPT Transducer kit |
|----------------------------|----------------|-----------------------------|--------------------|
| 023-0081 | 100 psis | 952-0001 | 1/8 |
| 023-0082 | 500 psis | 952-0002 | 1/8 |
| 023-0148 | 200 psis | 952-0004 | 1/8 |
| 023-0331 | 600 psis | 952-0007 | 1/4M |
| 023-0441 | 652 psis | 952-0018 | 1/8 |
| 023-0387 | *2000 psis | 952-0010 | 1/8 |



It is safe to apply absolute vacuum (-14.7psig) without damage to these pressure transducers.

* Available on **Press Med Range (4X)** only

Set the Physical Type name to **Press Med Range** or **Press Med Range (4X)**. Leave the radio selection to **Absolute** and **Local Source**. Set the **Manufacturer** to Micro Thermo then select the Micro Thermo part number. If not available you can use <Generic> manufacturer and set the sensor model accordingly to psig range then click OK.

Click on the newly dropped button and click on the Details tab to rename its identification label. Click on the Hardware tab then select the node and the input of the node. You can change the sensor manufacturer and model from this panel and see the wiring diagram if you click on the Diagram button. Click on the Alarm Settings tab then set the alarm limits and time properly. In a plugin select as below:

