



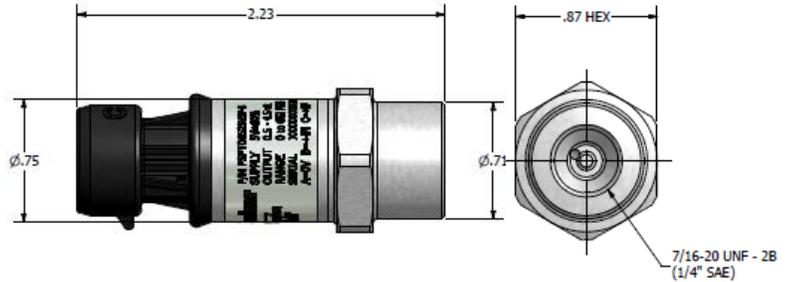
023-0370 and 952-0008 652psis Pressure Transducer for CO₂ Installation in MT Alliance™

Assembled in Canada



Specifications:

1/4" SAE female flare with deflator, 7/16"-20 UNF-2B
 Stainless Body
 Packard metripack electrical connection
 Operating Temperature-40°C to 125°C



Ordering info:

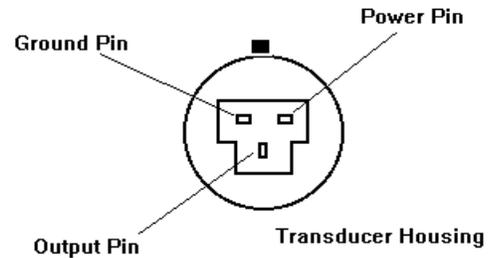
952-0008 = 652psis 023-0370 transducer with 5m (17') cable

Physical installation:

- Install on a Schrader (bicycle) valve pointing up to avoid liquid to be trapped in the sensor

Electrical Installation:

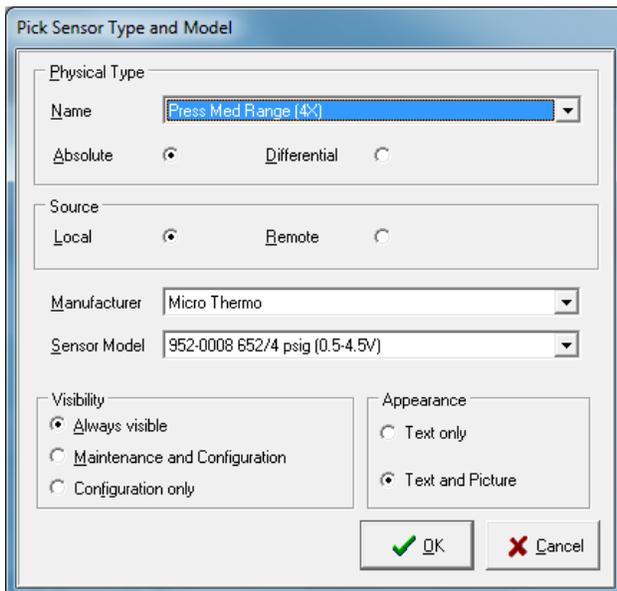
- To power the 023-0370 use 5VDC (8mA) regulated at +/- 5%. It can be supplied from the MT5XX card sensor power. The output signal accuracy is proportional to the power regulation. Note that the green wire is the signal lead.



Cable Lead Color	Sensor node input
Black	Sensor GND
Red	+5V
Green or white	Ux Input

Alliance Installation:

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



Set the Physical Type name to **Press Med Range (4X)**. Leave the radio selection to **Absolute** and Source to **Local**. Set the **Manufacturer** to **Micro Thermo** (the model can be created if it is not available). Set the **Sensor Model** accordingly to 652/4 psig then click OK.

Note: Because of the 475.2psi Press Med Range limitation real pressure can be higher than it but the network data will never transmit more than 475.2psi. That is why we have created a 652/4psig **Press Med Range (4X)** model that transmits 0-163psi and the application will have to multiply the value by 4.

652psis = 652psig at sea level

Click on the newly dropped button and 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.