



Installation Instructions for Model:	224 Pressure Differential Indicator
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The Model 224 Pressure Differential Indicator (PDI) is calibrated and tested prior to shipment and is ready for immediate insulation. Use of the following installation procedures should eliminate potential damage and provide optimum trouble-free operation.

1. There are (2) two $\frac{1}{2}$ " SAE Male Flare end connections are provided. They are identified on the housing as IN and Out. Make sure your connections are correct. Improper connections will not damage the PDI, but it will not function properly.
2. The PDI should be mounted above the oil separator's process connections to promote self-draining. The inlet process tube should incorporate a "pig-tail" loop or drop leg (manometer "U-tube" configuration) to minimize the possibility of oil and particulates to migrate into the PDI.
3. The switch is set at 12 PSID nominal on increasing differential pressure.
4. Electrical interface is via (2) two 22Awg. 105C, 300 volt rated wire leads, Lead length is 12". The switch is rated 60 W, 3 A. Produce of the switching voltage and current shall not exceed 60 W resistive load at 24 VDC.
5. The units with switches are intended for low voltage systems where a protected conductor terminal is not required or the switch is installed in another enclosure where the switch is not accessible.
6. Materials
 - a. Seals: Neoprene
 - b. Internals: Stainless Steel
 - c. Body: Aluminum
 - d. Fittings: Aluminum, $\frac{1}{2}$ " Male 45° Flare
7. The supplied dial color is representative only of the production configuration. Green/Yellow transition for dial is nominally at 10 PSID or .7 bar, and the Yellow /Red transition is nominally at 13 PSID or .9 bar.
8. Warning: All adjustments shall be performed by qualified personnel with the unit un-powered.
9. Warning: Electrical connections should be preformed by qualified personnel and meet representative national electrical code.

Got a Question? Call us at 1-800-552-9300 or check out our website at www.temprite.com
