



Installation Instructions for Pressure Differential Indicator (PDI)

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

1. Two (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 migrating into the PDI.
3. The switch is set at 12 PSID nominal on increasing differential pressure.
4. Electrical interface is via two (2) 22Awg. 105C, 300 volt rated wire leads, and the lead length is 12". The switch is rated 60 W, 3 A. Product 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, SAE 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 unpowered.
9. Warning: Electrical connections should be performed by qualified personnel and meet representative national electrical code.

For translations of these instructions, go to our website: [click here](#)
or scan the QR code.



Questions? Call 1-800-552-9300 or 630.293.5910 or email us at temprite@temprite.com