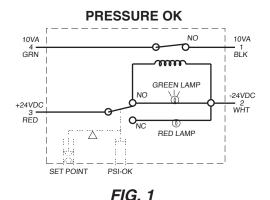
### INSTALLING YOUR DADCO PRESSURE MONITOR





PRESSURE TOO LOW

GREEN LAMP

GREEN LAMP

RED LAMP

SET POINT PSI-LOW

FIG. 2

DADCO's Pressure Monitor alerts the press controller to shut down the press by indicating pressure drops below a pre-set level 15 - 200 bar (200 - 3000 psi).

## **Supplying Power**

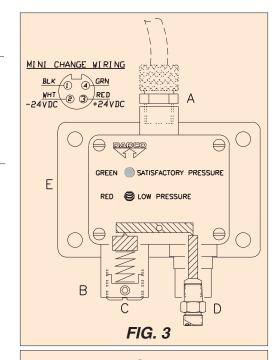
- 1. The 90.421.2D requires connection via a male Brad-Harrison 4-pin Mini-Change Connector A (Fig. 3).
- 2. 24 VDC power is supplied through pins 2 (white) and 3 (red).
- 3. The 10 VA switch is normally open at low pressure across pins 1 (black) and 4 (green).

# **Setting Switch Pressure**

- 1. Link 90.421.2D with system or known pressure to Port D (Fig. 3).
- 2. Set the system or pressure source to minimum operating pressure.
- 3. Loosen Set Screw B (Fig. 3) so that the Pressure Connection Fitting C can be freely operated.
  - If the Red lamp is on, turn C slowly counterclockwise until the Green lamp is activated.
  - If the Green lamp is on, turn C slowly clockwise until the Red lamp is on, then counterclockwise just enough to indicate Green.
- 4. Once the proper setting has been made, re-tighten Set Screw B.
- 5. 90.421.2D will now indicate green if the system's pressure is at or above the minimum operating pressure (Fig. 1) or red if below the minimum operating pressure (Fig. 2).

### **Applications**

- 90.421.2D is ready to use as an indicator once plugged into 24 VDC power.
- 2. Use pins 4 and 1 for low voltage control circuits related to press operation. This switch is rated at 10 VA.



#### **LEGEND**

- **A- MINI-CHANGE CONNECTOR**
- **B-SET SCREW**
- **C- PRESSURE CONNECTION FITTING**
- D- 1/4 NPT PRESSURE PORT
- E- BACKING PLATE (optional)

