INSTALLING YOUR DADCO PRESSURE MONITOR

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
1. 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.

Ordering Example:

<table>
<thead>
<tr>
<th>Volt/Switch</th>
<th>90.421.2D.</th>
<th>BH1.</th>
<th>BP.</th>
<th>102</th>
</tr>
</thead>
<tbody>
<tr>
<td>Connector</td>
<td>BH1 - 90° connector</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>BH3 - straight connector</td>
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<tr>
<td>Fitting</td>
<td>S-102 - Straight SEAL-LOK</td>
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<td></td>
<td>S-202 - 90° SEAL-LOK</td>
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<tr>
<td>Backing Plate</td>
<td>(optional)</td>
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</tbody>
</table>

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).