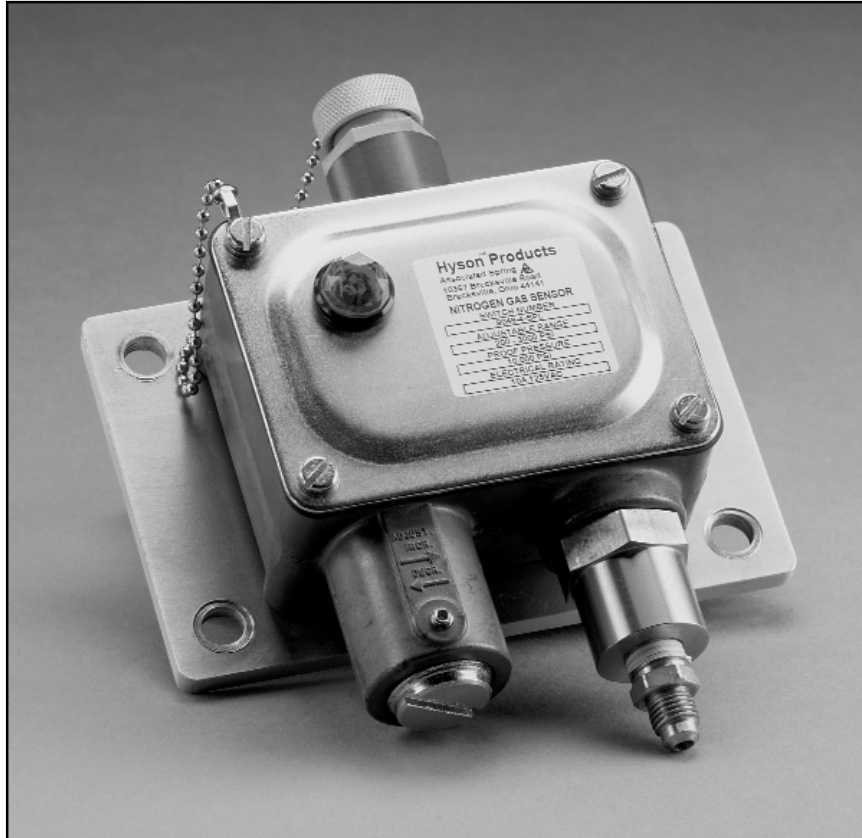


Automatic Pressure Monitor



Designed for durability at a low cost, the APM-3000 monitors nitrogen gas pressure in Hyson manifold and hosed gas spring systems. If the pressure drops below a preset lower limit, a red warning light alerts the press operator and can be wired to shut down the press automatically. The lower limit can be adjusted to any pressure between 13.8-206 bar (200-3000 psi).

Pressure Connection

- Supplied with 15 foot hose and female quick disconnect (P/N 11-770-2700).
- Connects to male quick disconnect located on all Hyson control panels.

Electrical Connection

- Electrical connector: Brad Harrison mini-charge receptacle connector with 10 amp output.
- 125V AC signal (minimum current 100 mA).
- Optional 10 foot cordset available (P/N APM-3000CORDSET).
- Approved by Underwriter's Laboratories and CSA Testing Laboratories.

How to Adjust and Preset Pressure Limit (Range is 13.8-206 bar/200-3000 psi)

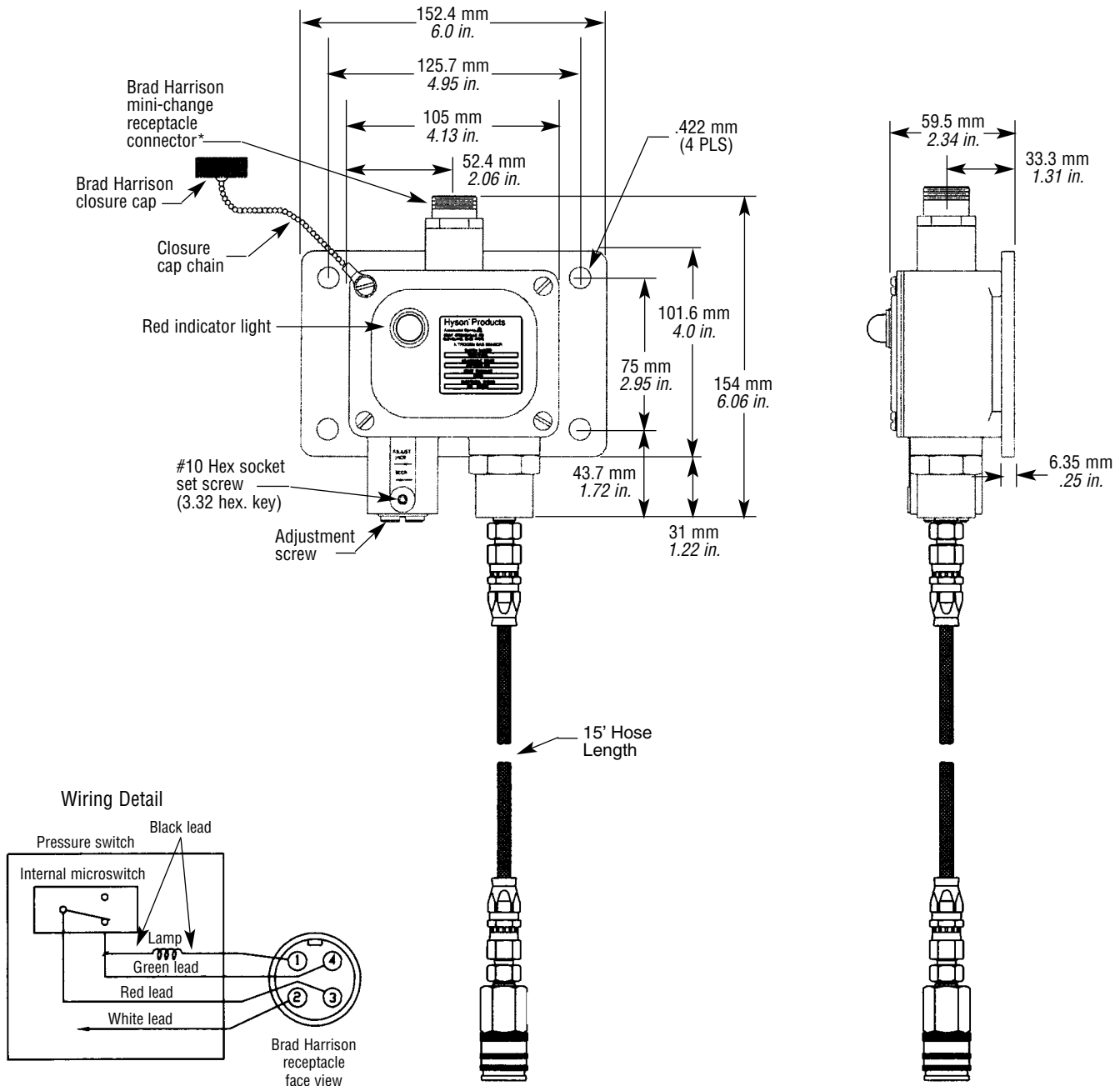
Adjusting Pressure Limit:

- To increase lower limit, turn clockwise.
- To decrease lower limit, turn counterclockwise.

Presetting Pressure Limit:

1. Determine the lower limit at which you want pressure monitor to shut down the press.
2. Charge the nitrogen gas system through the control panel to that lower limit.
3. Connect the female quick disconnect of the pressure monitor to the male quick disconnect on the control panel.
4. Using a #10 hex socket, loosen the set screw on the adjustment knob.
5. If the red light is on, turn the adjustment screw clockwise just until the red light goes out. This indicates the pressure is at the lower limit.
6. If the red light is off, turn the adjustment screw counterclockwise just until the red light comes on. This indicates that the pressure is just at the lower limit.
7. Tighten the set screw to secure the adjustment setting.
8. The lower limit is set. Disconnect the pressure monitor from the control panel temporarily to charge the nitrogen gas system to the operational requirements. Once the system is charged, the pressure monitor can be reconnected to the control panel.

Automatic Pressure Monitor



*Optional 10 foot cordset available (P/N APM-3000CORDSET).

Hyson® Products

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Dynamic Solutions for a Global Market™

10367 Brecksville Road • Brecksville, OH 44141 USA
 Tel: 1-800-876-4976, 440-526-5900 • Fax: 440-526-6807 • Email: hyson@asbg.com • www.hysonproducts.com



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