

Submittal Data Sheet

Features

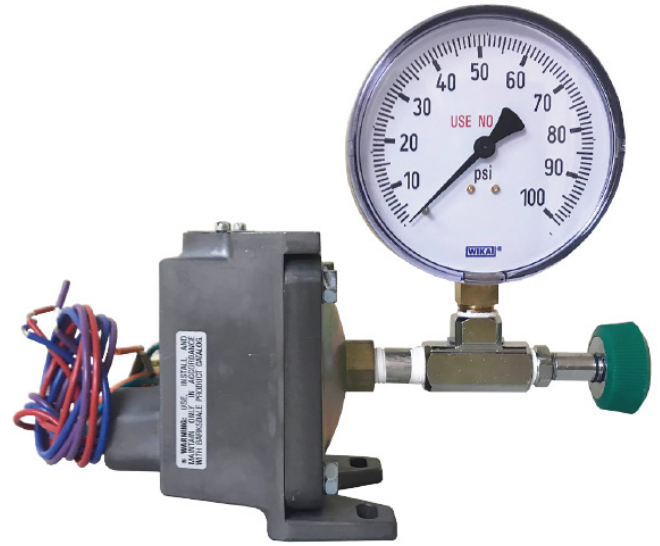
- Removable copper diaphragm capsule
- Instrument quality snap-action switch
- Normally open or normally closed contacts
- NEMA 4 water-tight housing with mounting brackets
- Pressure switches for normal 50 psig systems
- Pressure gauge with 4" dial
- DISS gas specific nut, nipple, and demand check
- Cleaned for use in oxygen per CGA G-4.1

Specification

Pressure Gauge Assembly for the medical gas alarm system shall incorporate a U.L. Listed single pole double throw snap-action micro switch. The pressure switch shall be pre-wired with six color-coded leads. Normally open or normally closed circuitry shall be field-selected to be compatible with the medical gas alarm system design. Electrical rating shall be 10 amperes at 120 volt AC.

Factory settings shall be 20% above and below normal operating pressure for pressure gases and at 12" Hg for vacuum and WAGD.

The switch enclosure shall be a NEMA 4 water-tight housing with mounting bracket, 1/4" FNPT bottom inlet gas service line connection, and 3/4" FNPT top inlet conduit.



PX-PSB-24

A gauge shall be incorporated after the pressure switch. A gas specific DISS nut and nipple shall be attached to the bottom of the gauge.

The Pressure Gauge Assembly will then be mounted directly to a gas specific DISS demand check (provided by Powerex) directly onto the pipeline. The demand check shall have a 1/4" Male NPT connection.

Ordering Information

Part #	Gas Service and Pressure Switch Used
PX-PSB-04	Main line pressure switch for N2O; includes 0-100 PSIG pressure gauge and gas specific demand check
PX-PSB-08	Main line pressure switch for CO2; includes 0-100 PSIG pressure gauge and gas specific demand check
PX-PSB-12	Main line pressure switch for Nitrogen; includes 0-300 PSIG pressure gauge and gas specific demand check (must purchase two; one for high and one for low)
PX-PSB-16	Main line pressure switch for Medical Air; includes 0-100 PSIG pressure gauge and gas specific demand check
PX-PSB-22	Main line pressure switch for Vacuum; includes 0-30" Hg vacuum gauge and gas specific demand check
PX-PSB-24	Main line pressure switch for Oxygen; includes 0-100 PSIG pressure gauge and gas specific demand check
PX-PSB-2080	Main line pressure switch for Instrument Air; includes 0-300 PSIG pressure gauge and gas specific demand check (must purchase two, one for high and one for low)

Wiring Diagram

