

HiLo-Matic™ Pressure Pilot

The HiLo-Matic[™] Pressure Pilot is a two position, three-way valve that reliably reacts to pressure input from a pipeline. It is used in conjunction with a hydraulic controller and an actuator/valve combination to provide unmanned emergency shutdown of a pipeline in cases of over or under pressure. Pressure limits can be set for low/high, low only or high only.

The pressure pilot can be supplied alone for retrofit applications or in conjunction with a hydraulic controller, actuator and valve to round out a complete emergency shutdown system.

Specifications:

- ±1% repeatability
- Pressure set-points available between 25 and 2800 PSI
- Maximum working pressure: 5000 PSIG (340 bar)
- Maximum instrumentation pressure: 150 PSIG (10 bar)
- · Compatible with oil/gas/air instrumentation
- ABSA CRN 0F09864.2 (also BC.21, SK.23, MB.24, ON.25)
- NACE trim available

Features:

- Minimum deadband
- Reliable/low maintenance
- Bubble tight design
- Block and bleed design
- Safety vent/seal indicator
- Severe duty
- Wrench flats/knurling
- Easy installation/operation
- Factory set, yet field adjustable
- All aluminum and stainless steel construction
- Readily available spares/support
- Rebuild kit available
- Compatible with most existing ESD systems
- Components wetted by process fluid adhere to NACE MR0175 material requirements





MADE IN CANADA

(CWB)

Phone: 780-496-9800 Fax: 780-463-9800 Toll Free: 1-877-448-0586 www.plainsmanmfg.com



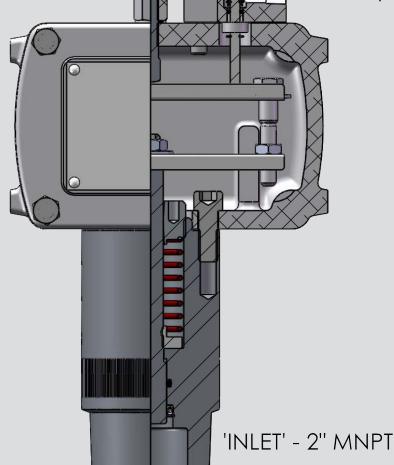


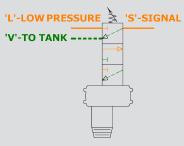
- Body ASTM 4130
- Case Tenzalloy
- Pressure Sensing Piston 316SS
- Seal PTFE / 302SS
- Snap Ring Retainer PH15-7M0
- Pilot Block Bodies 6061-T6 Aluminum

| 'IN' - 1/4" FNPT

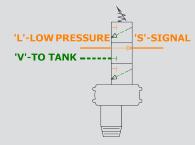
'SIG' - 1/4" FNPT

'EXH' - 1/4" FNPT

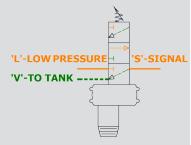




IN LOW TRIPPED POSITION SIGNAL PRESSURE WILL RETURN TO TANK



IN OPERATING POSITION SIGNAL PRESSURE WILL SEE 'LOW PRESSURE'



IN HIGH TRIPPED POSITION SIGNAL PRESSURE WILL RETURN TO TANK

www.plainsmanmfg.com
(4), PB-SSYS03





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