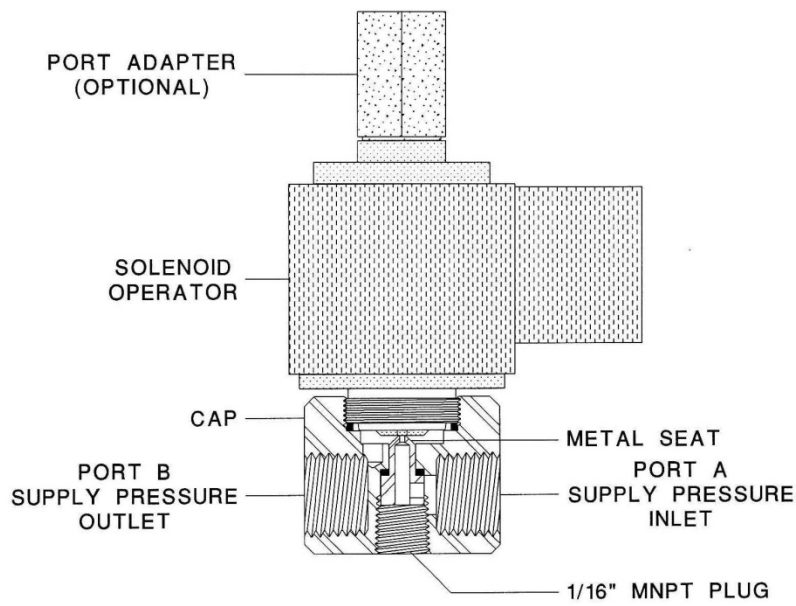




BWB Controls
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ISO 9001 Certified



'TSV' MINI SOLENOID OPERATED VALVE





‘TSV’ MINI SOLENOID OPERATED VALVE

INSTALLATION

CONNECTION	1/8" NPTF or 1/4" NPTF	SOLENOID - 1/2" NPTF
MOUNTING	In-Line	
PORT A	Supply Pressure Inlet	30-120 PSI (2.06-8.27 bar) Orifice .031" (.78mm)
PORT B	Supply Pressure Outlet	.125" (3.17mm)
PORT C	Exhaust	.031" (.78mm)

OPERATION

The BWB "TSV" is a 2 way or 3 way, normally closed, solenoid operated, automatic valve. It is normally installed inside a control panel and can be used in different applications as detailed below:

3 Way: PORT A - Inlet PORT B - Outlet PORT C - Exhaust

When the solenoid is energized, the valve will automatically move into the open position. The inlet (Port A) is open to the outlet (Port B) and the exhaust (Port C) is blocked. When the solenoid is de-energized, the valve will return to the closed position. The outlet (Port B) is open to the exhaust (Port C) and the inlet (Port A) is blocked.

2 Way: PORT A - Inlet PORT B - Outlet

When the solenoid is energized, the valve will automatically move into the open position. The inlet (Port A) is open to the outlet (Port B). When the solenoid is de-energized, the valve will return to the closed position. The inlet (Port A) and outlet (Port B) are blocked.

FEATURES

VALVE	All Viton O-Rings All 316 Stainless Steel construction
SOLENOID	Stainless Steel Construction Flameproof type with Epoxy molded coil (12 or 24 Volt DC) UL listed and CSA approved For Hazardous locations Divisions 1 & 2 Class I - Group C&D Class II - Group E,F&G - NEMA 4 Enclosure

OPTIONS

"TSV-A-B-C-D-E-F"
Part Number Protocol

A = Port Connection

- 2 = 1/8" NPTF
- 4 = 1/4" NPTF

B = Operator (Normally Closed)

- 2 = 2 Way
- 3 = 3 Way

C = Voltage

- 12 = 12 Volt DC
- 24 = 24 Volt DC
- 120 = 120 Volt AC

D = Watts

- LL = 0.85 Watts
- L = 1.8 Watts

E = Solenoid Connection

- F = Female

F = Port Adaptor

- PA = 3 Way Only

WEIGHT 1 Pound