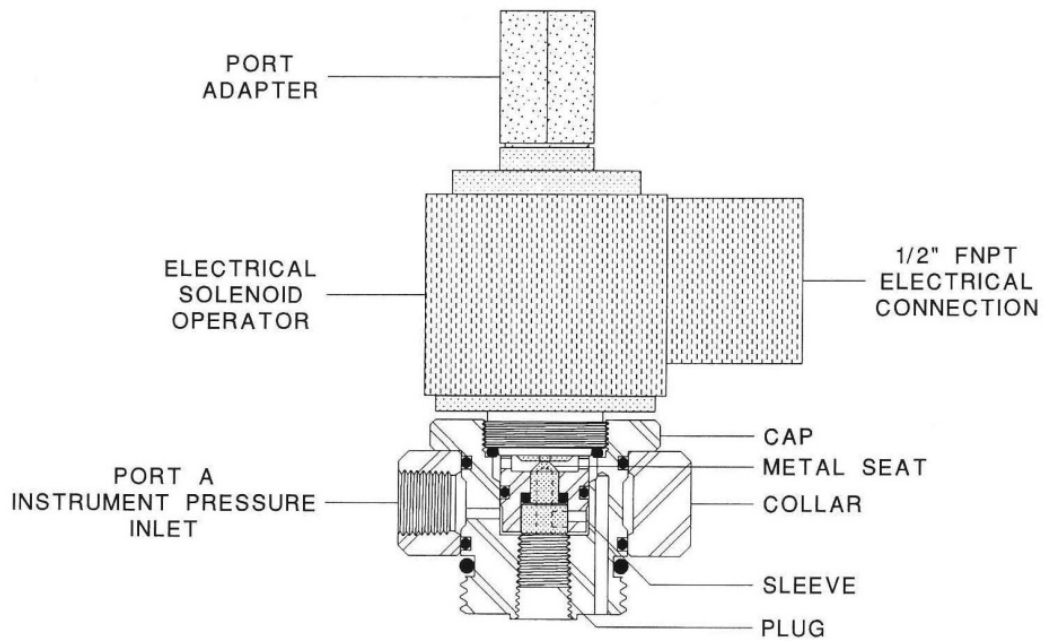




BWB Controls
Telephone (985)-876-4117
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ISO 9001 Certified



'XSR' PILOT / EXTERNAL SOLENOID OPERATED ASSEMBLY



Designed and Manufactured using Safe Engineering Practices

15 July 2011



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INSTALLATION

CONNECTION	1/8" NPTF
MOUNTING	Replaces the standard cap on many of our relays
PORT A	Instrument Pressure Inlet - 30-120 psi (2.06-8.27 bar) Orifice .062" (1.57mm)

OPERATION

The BWB "XSR" assembly is used to convert a pilot operated relay, to a solenoid operated relay. The assembly also has a rotating collar which allows the instrument pressure (PORT A) connection to be utilized within a 360 degree radius.

When the solenoid is energized, it will allow the instrument pressure (PORT A) to enter the relay. Depending upon the operation of the relay, the instrument pressure (PORT A) will normally push the stem into the up position and the relay will be in service.

When the solenoid is de-energized, the instrument pressure (PORT A) is lost. Depending upon the operation of the relay, the spring will normally push the stem into the down position and the relay will be out of service.

For more details on the operation and features of the relay(s), see individual product literature.

FEATURES

- All Viton o-rings
- All stainless steel construction
- Eliminates the need to purchase another relay to convert from pilot to solenoid operation;
- Simply remove the existing relay cap & install the "XSR" assembly
- Flameproof type with epoxy molded coil (12 or 24 volt dc)
- UL listed and CSA approved
- For hazardous locations division 1 & 2

Class I - Group C&D

Class ii - Group E, F,&G - NEMA 4 Enclosure

OPTIONS

VOLTAGE	12 Volt DC	or	24 Volt DC
RESISTANCE	0.85 watts	or	1.8 watts

WEIGHT 1.50 pounds