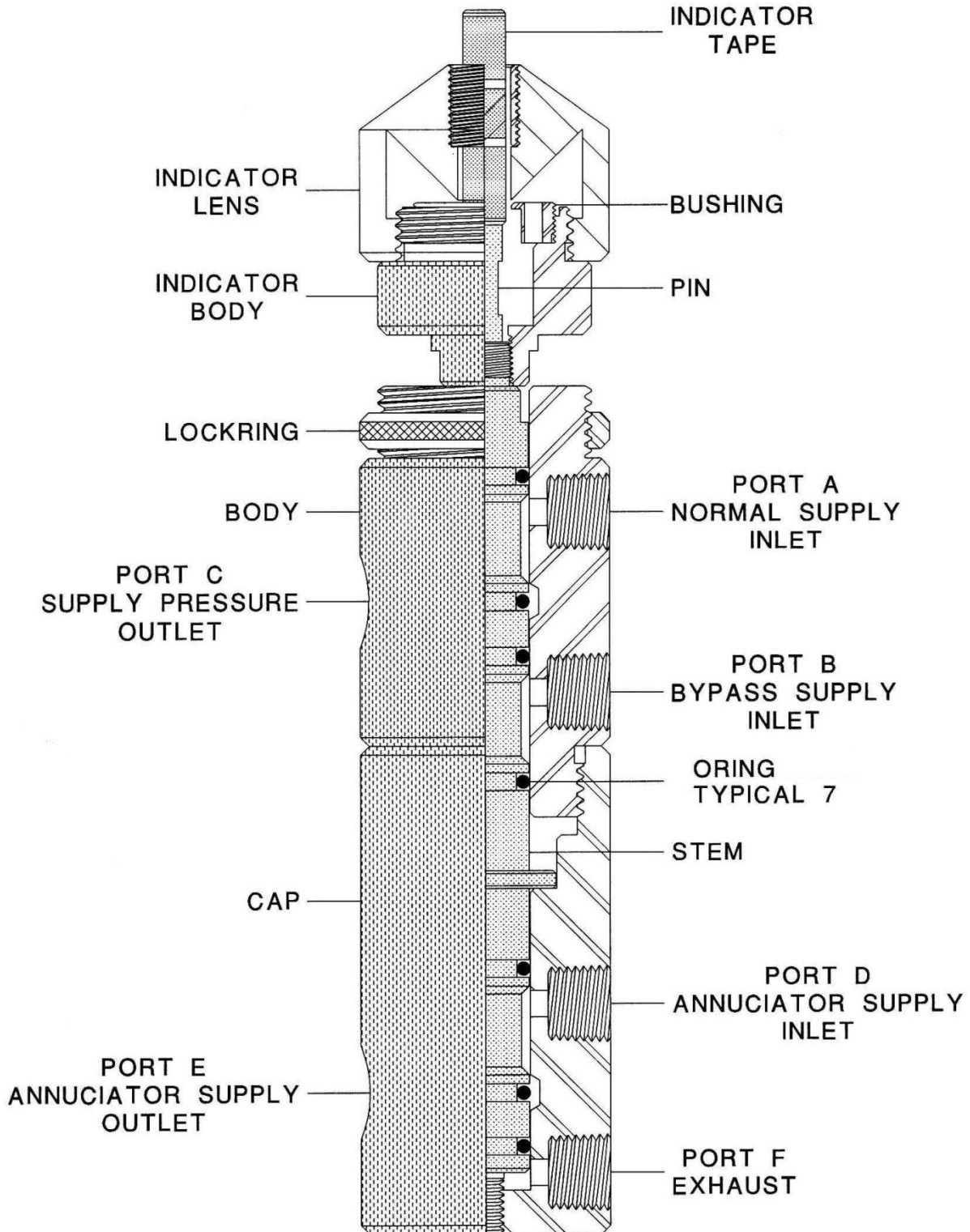


'BWL' BY-PASS INDICATOR





BWB Controls
Telephone (985)-876-4117
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ISO 9001:2008 Certified



'BWL' BY-PASS INDICATOR

INSTALLATION

CONNECTION	1/4" NPTF	
PANEL MOUNT	1 9/16" Diameter Hole	
PORT A	Normal Supply Inlet	30-150 PSI (2.06-10.34 Bar)
PORT B	By-Pass Supply Inlet	30-150 PSI (2.06-10.34 Bar)
PORT C	Supply Pressure Outlet	
PORT D	Annunciator Supply Inlet	30-150 PSI (2.06-10.34 Bar)
PORT E	Annunciator Supply Outlet	
PORT F	Annunciator Exhaust	

OPERATION

The BWB "BWL" is a dual 3 way, manual by-pass relay with indicator. It is normally installed in a control panel and used for detouring flow of supply pressure around a block & bleed component, so that the rest of the system may remain open until the component is reset. The relay also gives visual indication of normal or by-pass supply pressure utilization by means of an Annunciator supply pressure.

During normal operation, the indicator is manually pushed in, allowing the stem to indicate normal supply (green) on the indicator lens. Normal supply pressure (Port A) passes through the outlet (Port C) and on to the system. Annunciator supply pressure (Port D) passes through the outlet (Port E), and the by-pass supply (Port B) is blocked.

When the need for by-pass supply arises, the indicator must be manually pulled out, allowing the stem to indicate by-pass supply (red or amber) on the indicator lens. By-pass supply pressure (Port B) passes through the outlet (Port C) while normal supply pressure (Port A) is blocked. Annunciator supply pressure (Port D) is also blocked and the outlet (Port E) is exhausted (Port F).

To resume the use of normal supply pressure, the indicator must be manually pushed in.

FEATURES

All Viton O-Rings
All 316 Stainless Steel construction
O-Rings do not cross directly over ports during operation, therefore maintaining O-Ring longevity
Indicator can be ordered with additional port (instrument pressure) for automatic by-pass operation
Annunciator supply can be common with either normal or by-pass supply pressure
Indicator tape can be reversed for by-pass annunciation

OPTIONS

<u>BWL</u> (Manual only)	<u>BWLA</u> (Auto By-Pass)
Indicating Tape	Green/Red or Green/Amber

WEIGHT

BWL 4.25 Pounds	BWLA 6.00 Pounds
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**Designed and Manufactured using Safe Engineering Practices (SEP)
in accordance with the European Pressure Directive 97/23/EC**