



SERIES "E / EB" MINI-MASTER RELAY "PNEUMATIC"

OPERATION

The BWB "E" relay is a 3 way 2 position, universal operation, manual reset, pilot operated, block and bleed relay. It is normally installed near an actuator or in a control panel and receives pneumatic pressure from related safety system components. It is normally pulled to open an actuator and held in service by a pilot cap signal at port "A". Loss of pilot signal at port "A" from related system component will result in closure of the device. For Normally Closed Operation, relay will then block the Supply Port "B" and bleed Port "C" back through Exhaust Port "D".

FEATURES

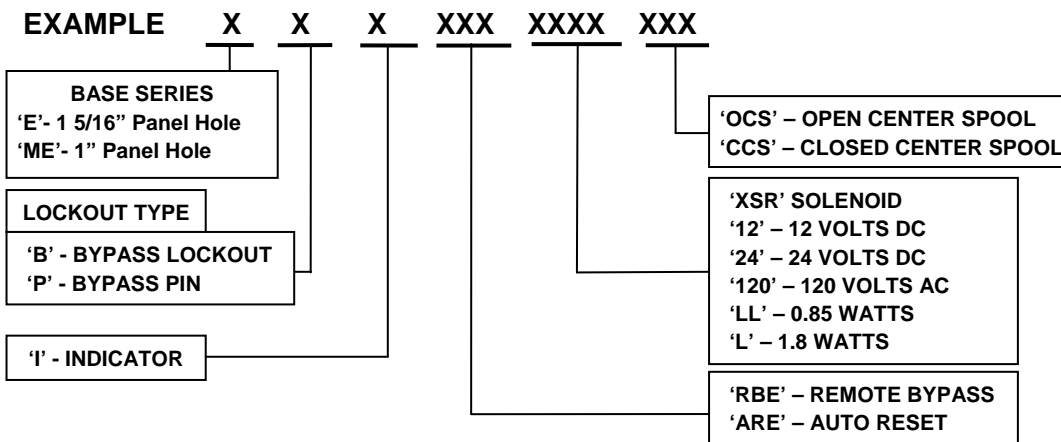
- 316 Stainless Steel Materials
- 100 PSI (6.89 bar) MAWP Pilot Pressure
- 200 PSI (13.79 bar) MAWP Thru Pressure
- 1/4" FNPT Control Ports
- Inlet to Outlet Orifice - .144" (3.66mm)
- Outlet to Exhaust Orifice - .171" (4.34mm)

SERVICE CLASSIFICATION

Standard service: Viton O-rings
 Special Service: O Ring compounds to Customer Requirements
 Relay can be converted from normal **CCS** (Closed Center Spool) position to **OCS** (Open Center Spool) by moving the Lower #15 O-Ring to the alternate groove.



ORDERING INFORMATION



PANEL MOUNT

1 - 5/16" (33mm) Diameter Hole or 1" (25.4mm) (MEB)
 Maximum Panel Thickness, 0.25 Inches (6mm)
 Panel Nut Thickness; 0.25 inches (6mm)

WEIGHTS

E	2.25 POUNDS	EBRBE	2.50 POUNDS
EB	2.25 POUNDS	EBIRBE	3.00 POUNDS
EBI	2.75 POUNDS	EBXSR	3.50 POUNDS
		EBIXSR	4.00 POUNDS



INSTALLATION



PORT 'A'

Pilot Port
 30 to 100 PSI (2.06 - 6.89 Bar)



PORT 'B'

Supply Inlet
 30-200 PSI (2.06 - 13.79 Bar)
 Normally Closed



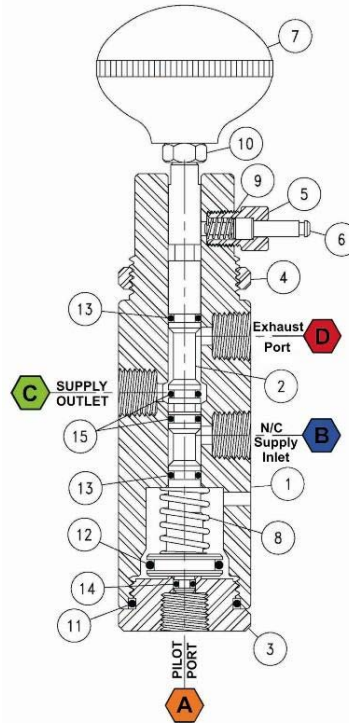
PORT 'C'

Supply Outlet
 30-200 PSI (2.06 - 13.79 Bar)



PORT 'D'

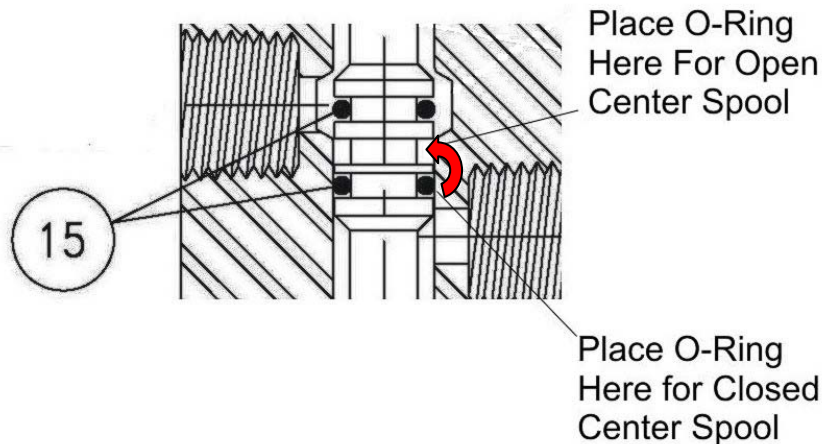
Exhaust Port



ITEM	DESCRIPTION
1	BODY
2	SPOOL
3	CAP
4	LOCK RING
5	L/O BODY
6	L/O PIN
7	KNOB
8	SPRING
9	L/O SPRING
10	NUT
11	O RING
12	O RING
13	O RING
14	O RING
15	O RING 90D

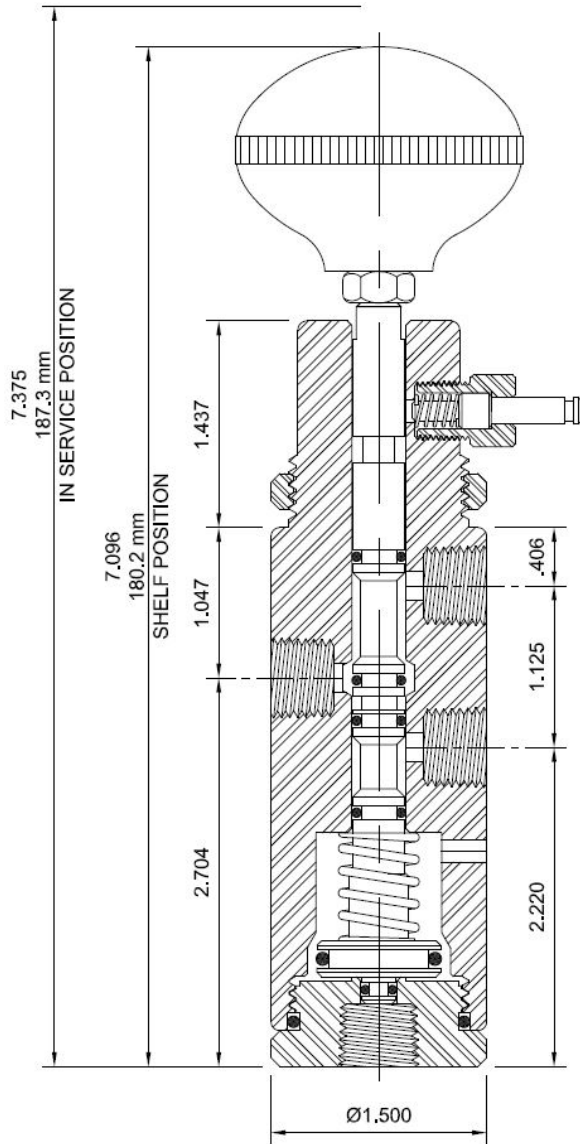
REPAIR KIT(S):
 CONTAINS ALL SEALS

OCS – CCS Information





EB DIMENSIONS



EBI DIMENSIONS

