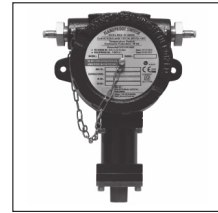


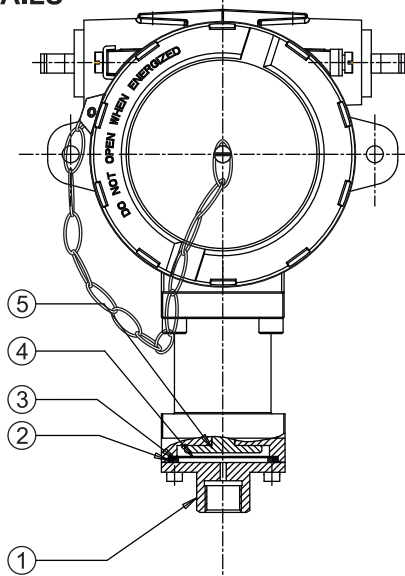
HIGH RANGE AIR RELAY SWITCHES FC



FC



PRESSURE CAPSULE DETAILS

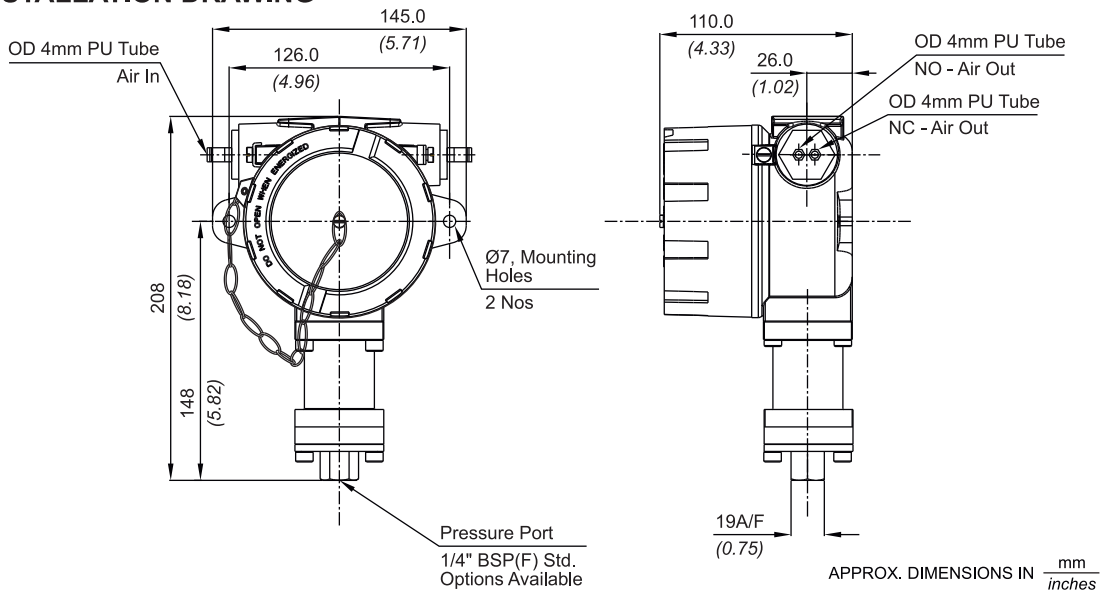


No. Description

1. Pressure Port
2. PTFE O-Ring
3. Back Up Ring
4. Diaphragm
5. Conical Plunger

Note : *wetted parts* are mentioned in italics.

INSTALLATION DRAWING



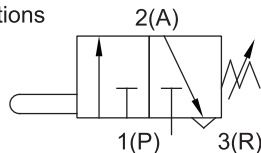
FC HIGH RANGE AIR RELAY SWITCHES

RANGE SELECTION TABLE

Range Code	Range bar (psi)	Differential* bar (psi)	Maximum Working Pressure bar (psi)
		Approximate Maximum for P1 / P2 (Refer Group 6 of How to order table)	
LP	0.067 to 0.213 (0.97 to 3.09)	0.02 (0.29)	5.0 (72.52)
LP5	0.1 to 0.5 (1.45 to 7.25)	0.08 (1.16)	5.0 (72.52)
H01	0.1 to 1.0 (1.45 to 14.50)	0.10 (1.45)	12.0 (174.05)
H02	0.1 to 1.5 (1.45 to 21.76)	0.3 (4.35)	12.0 (174.05)
H03	0.2 to 2.6 (2.90 to 37.71)	0.4 (5.80)	12.0 (174.05)
H04	0.2 to 3.6 (2.90 to 52.21)	0.5 (7.25)	12.0 (174.05)
H07	0.5 to 7.0 (7.25 to 101.53)	0.6 (8.70)	12.0 (174.05)
H10	0.5 to 10.0 (7.25 to 145.037)	1.0 (14.50)	25.0 (362.6)
H15	1.0 to 15.0 (14.50 to 217.56)	1.5 (21.75)	25.0 (362.6)
H30	5.0 to 25.0 (72.52 to 362.60)	2.0 (29.00)	35.0 (507.63)

Pneumatic valve specifications

NO = Normally Open
or
NC = Normally Closed



CAUTION : Supply pressure of air/inert gas = min. 2 and max. 7 bar

Note:

1. The minimum differential increases with the setpoint. The differential values mentioned in the above table are approximate maximum for FSR. The differential value will vary according to the pressure range selected and microswitch type. For actual values of differential please contact sales office.

If actuation and/or deactuation at same point is critical part of operation, then it can be achieved by using a separate DPDT relay. This relay will need a separate power supply for it's coil.

