

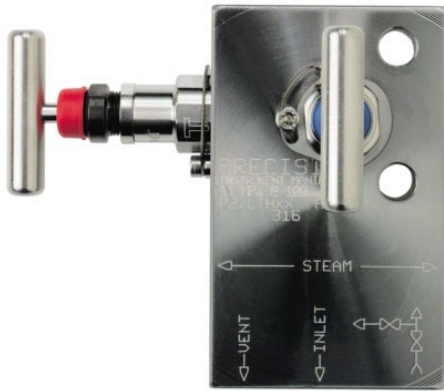
# PRECISION Instrument Manifolds

E N C L O S U R E M A N I F O L D S

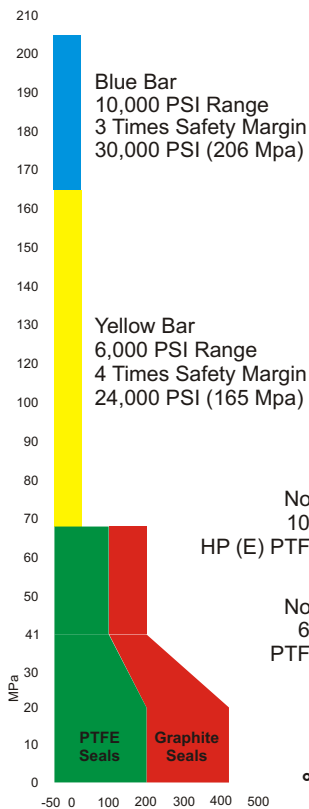
## Transmitter Manifolds mounted in Hard Enclosures

The PRECISION 'L' Series manifolds are manufactured for applications that require the transmitter to be mounted in an enclosure for environmental protection. Although our standard transmitter manifolds will work, the 'L' series is designed to save space and to simplify the mounting of the transmitter in the enclosure. Additionally, the 'L' series presents the valve handles for easy operation of the valves. Process connections, vent outlets and mounting taps are all oriented out the bottom of the manifold, and out the bottom of the enclosure to simplify piping as well.

P2/L



P5/L



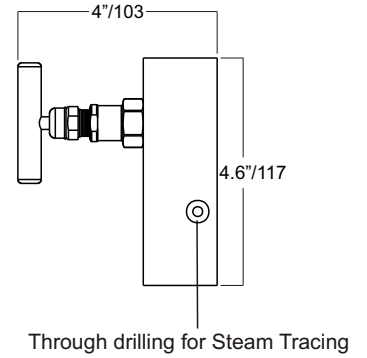
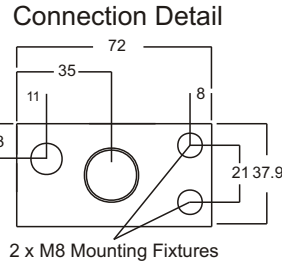
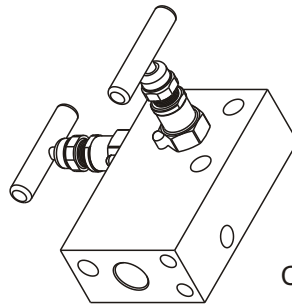
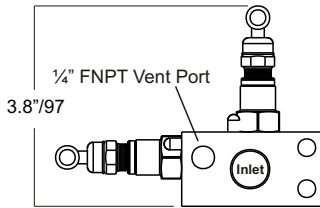
P5/ L style manifold in hard enclosure with transmitter mounted



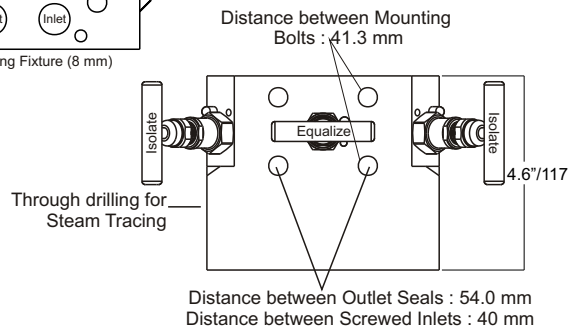
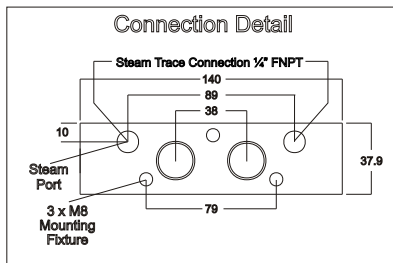
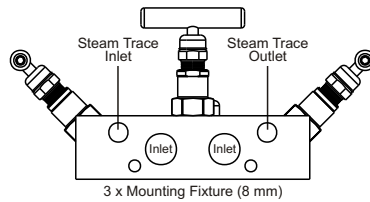
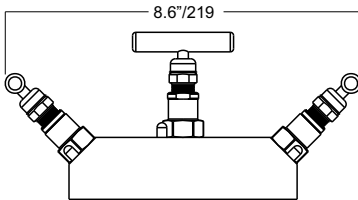
# PRECISION Instrument Manifolds

## Transmitter Manifolds Dimensions for Transmitters Mounted in Hard Enclosures

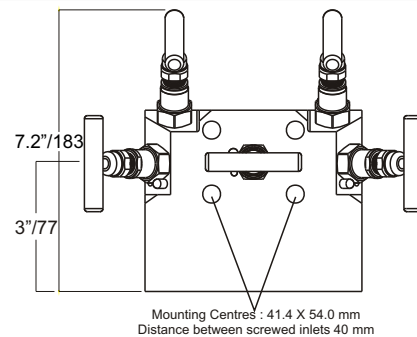
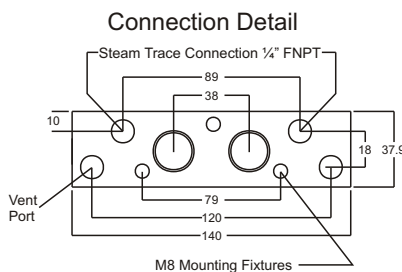
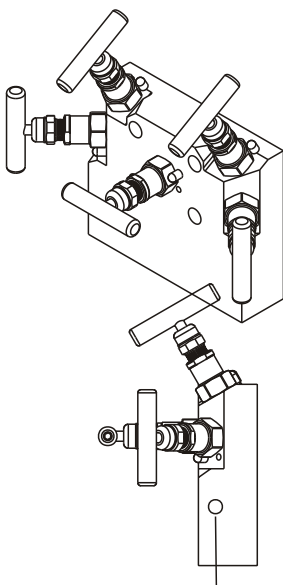
**Valve Head**  
**Color Coding**  
Blue = Isolate  
Green = Equalize  
Red = Vent



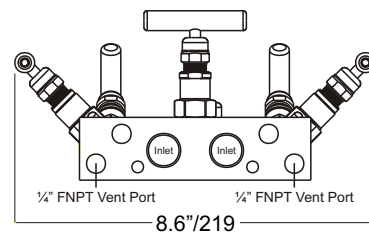
P2/L



P3/L



P5/L



Through drilling for Steam Tracing

# PRECISION Instrument Manifolds

## Transmitter Manifold Selection Chart for Transmitters mounted in Hard Enclosures

**P 3 / L T H X X - Options**

**P for PRECISION or**

**S for Square stock body**

Manifold Type  
2 = 2 Valve Manifold  
3 = 3 Valve Manifold  
5 = 5 Valve Manifold

**Code Break**

Manifold Type  
L = Hard Enclosure Mount

**Seal/Packing Material**

T = TFE  
G = Graphite

**Materials of Construction**

H = 316SS  
L = 316L SS for NACE  
J = Monel 400  
Z = Inconel 718  
K = Carbon Steel  
C = H-C 276

**Handle Options**

X = All are T bars  
V = Vent is Tamper Resistant  
A = Equalize is Tamper Resistant  
U = Equalize & Vent is Tamper Resistant  
B = All are Tamper Resistant

**Transmitter Connection Options**

X = Flanged outlet 41.3 x 54.0 mm

**Options - Must be placed at end of part number**

D = Plated Transmitter Bolts  
Z = Graded Transmitter Bolts  
P = Plugs in bleed or vent ports (blank plugs) (see note 2 page 23)  
Q = Bleed Plugs in bleed or vent ports (see note 2 page 23)  
O = Mounting to order  
-J = Monel 400 trim (may be long lead)  
OX = Oxygen Clean

**Example - P3/LTHXX-D (Codes in the first half of P/N ARE position sensitive)**

P3/L Precision 3 way Enclosure Mount, 1/2" FNPT Process  
O'-Ring Transmitter Connection  
T Teflon seals throughout (200 Deg. F)  
H 316 SS, includes trim  
X The handles are all 'T' bars  
X Flanged outlet (41.3 x 54 mm spacing, industry standard)

**Options**

D Plated Transmitter mounting bolts



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