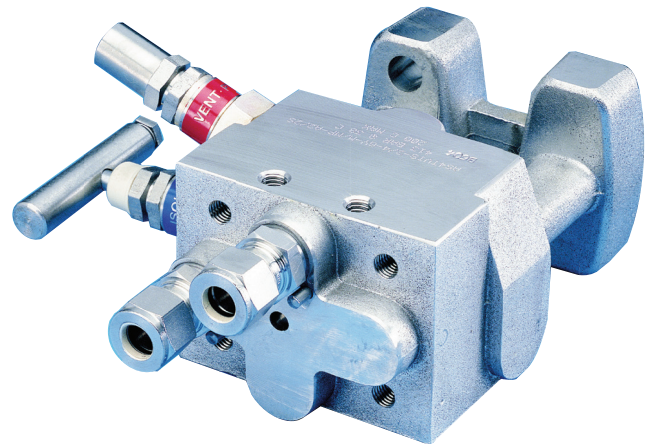


Manifolds - Two Valve

A single isolate/vent block for applications with pressure transmitters of the differential body design

General Application

The AS4 TVIS 2/4 is part of the Anderson Greenwood Modular Mounting System and used for pressure measurement applications with pressure transmitters of the differential body design.
MESO SPE: 60.98.56/201 type D.



Manifold shown with factory installed tube ftgs

TECHNICAL DATA

Materials

AISI 316 SS

Connections:

Instrument:

Flanged for direct mounting in accordance with DIN 19231 pt 2

Process:

G^{1/4} parallel threaded

Vent:

G^{1/4} parallel threaded

Pressure (max):

413 bar at 38°C

Temperature (max):

PTFE packing:

200°C

Graphite packing:

550°C

Features

- Compact design provides lower installation costs and fewer potential leak points.
- Parallel thread metal-to-metal seals on process and vent connections.
- Vent fitted with anti-tamper valve facility.
- T-bar handle on isolate bonnet assembly.
- All bonnet assemblies color coded and function identified.
- Optional factory installed tube fittings in process and vent ports.
- Readily accepts a full range of accessories.

AS4 TVIS 2/4 SERIES

Manifolds - Two Valve

Product Overview

The AS4 TVIS 2/4 manifold can be bolted directly onto a standard mounting plate, eliminating the need for extra bracketing and minimizing pipework on site. The AS4 TVIS 2/4 has also been designed to be fitted with a full range of accessories.

Sour Gas Service

Manifolds are available in materials which comply with the NACE standard MR-01-75 which covers metallic material requirements for resistance to sulfide stress cracking.

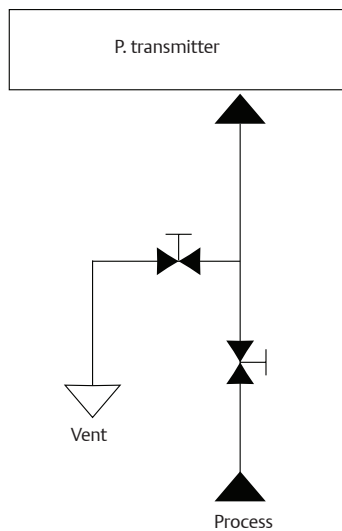
Standard Valve Materials

| Valve | Wetted parts | | | | Non-wetted parts |
|----------|----------------|--------|-----------|------------|-----------------------------|
| | Valve body | Bonnet | Stem | Ball seat | Handle, jam nut and bushing |
| 316 SS | A351-CF8M/CF3M | 316 SS | 316 SS | 316 SS | Austenitic SS |
| Sour Gas | A351-CF8M/CF3M | 316 SS | Alloy 400 | Alloy K500 | Austenitic SS |

NOTE

- Instrument mounting: Two $\frac{7}{16}$ " UNF stainless steel mounting bolts (Grade ASTM A193 B8M.CL2) are supplied as standard. One PTFE seal ring are supplied with the PTFE packed bonnets and one graphite ring are supplied with the graphite packed bonnets.

Valve Schematic



Manifolds - Two Valve

Selection Guide

| AS4T | V | I | S | -2 | /4 | -SG | -GYM |
|--|--|-------------------|-----------------|----------------------------|-------------------------------------|--|--|
| BASIC SERIES | BONNET PACKING | SEAT | BODY MATERIAL | PROCESS CONNECTION | MANIFOLD CONFIGURATION | MANIFOLD OPTIONS | PROCESS/VENT CONNECTION FITTINGS |
| Valve Type AS4T Screwed x flanged | V PTFE H Graphite | I Integral | S 316 SS | 2 G ^{1/4"} | /4 Single isolate/vent block | SG (Sour Gas) NACE edition 2003/MR0103 OC00 Oxygen clean (OC) K Anti-tamper bonnet key SS All 316 SS construction | GYM Gyrolok metric (10 mm OD) GYI Gyrolok imperial (3/8" OD) SKM Swagelok metric (10 mm OD) SKI Swagelok imperial (3/8" OD) |

NOTE

Manifolds are available in Monel[®] and Hastelloy[®]. Please consult the factory for availability and delivery. Monel[®] is a registered trademark of the Special Metals Corporation. Hastelloy[®] is a registered trademark of Haynes International, Inc.