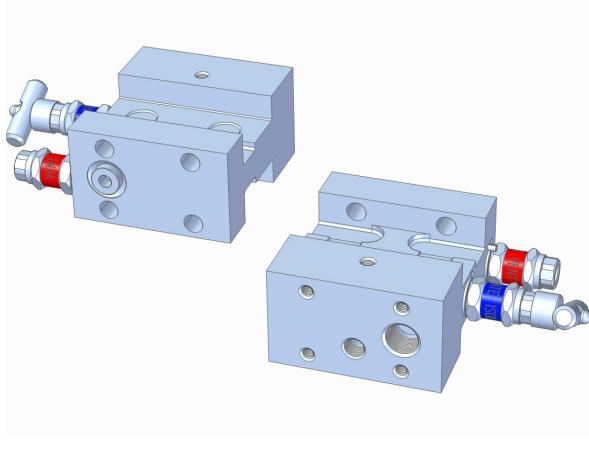


## Model MP21H



### Design Features

- Self aligning metal seats
- Compact Design
- Non-rotating spindle tip
- Metal seal between body and bonnet
- Bonnet Locking pins
- Safety back seating T-Bar and Anti-Tamper operated valves
- Full traceability of all materials
- 100% pressure tested (1,5 x MWP)

### Description

#### **The Multi Instruments H-Model Manifolds**

This compact H-model 2-valve manifold is designed to accommodate any (Half/one spigot) DIN19213 part 2 instrument interface compliant Absolute pressure transmitter.

This manifold is standard produced in AISI316 material, but "exotic" materials are also available.

Maximum working pressure is 420 Bar (AISI316)  
Maximum temperature is 200°C (PTFE packing)

### Options

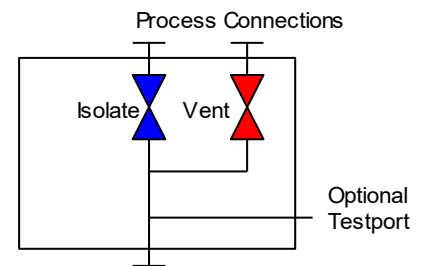
- Anti tamper facility with a removable T-bar key to prevent unauthorized operation of the valve
- Sour Gas Service
- Mounting plates for 2" pipe stand
- Available in e.g. Monel, Hastelloy, Duplex, Super Duplex, Alloy 825, Alloy 625 materials.  
(NACE MR01-75 compliant)
- Body enclosure and EEx manifold heater
- High temperature up to 450°C (Graphite packing)
- High pressure up to 680 Bar (10.000 psi)

### Connections

Per default: Vent and/or test ports will be 1/4" thread size.

See ordering information on the back of this specification sheet for process port connection types available.

### Valve Diagram



(Half / one spigot) Din 19213 part 2 Instrument Interface

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for additional information: 🌐 [www.multi-instruments.com](http://www.multi-instruments.com)

## Model MP21H

### Model selection guide

MP21H . SG . BP01 . ISO . YP . \*\*

#### Manifold Valve(s) Operation Mode

- .YP Mixed - PTFE seal
  - .YG Mixed - Graphite seal
  - .TP All T-Bar - PTFE seal
  - .TG All T-Bar - Graphite seal
  - .AP All Anti Tamper - PTFE seal
  - .AG All Anti Tamper - Graphite seal
- \* Isolate valve is T-Bar operated, in Mixed only Vent valve is Anti-Tamper.  
\* PTFE <200°C, Graphite <450°C

#### \*\* Manifold Options

- .XS compact model: 100mm
- .TST Extra testport (default: 1/4")
- .BP Plugged testport

#### NOTES

\* Testport executed in the same thread as the process connections.

#### Instrument Interface

- .ISO DIN19213 part 2  
(Half DIN / one spigot)  
(Direct mounted)

#### Process Connector Options

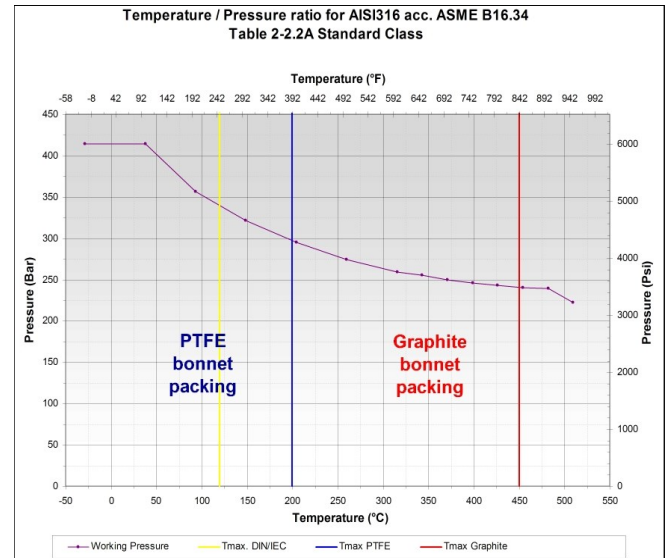
- .N01 1/4" NPT Female
- .N02 3/8" NPT Female
- .N03 1/2" NPT Female
- .BP01 1/4" BSP.P Female (G1/4")
- .BP02 3/8" BSP.P Female
- .BP03 1/2" BSP.P Female (G1/2")

#### Material (wetted parts):

- .SG AISI316/L NACE
- .M Alloy 400 (Monel)
- .H Alloy C276 (Hastelloy)
- .INC825 Alloy 825
- .INC625 Alloy 625
- .D Duplex
- .SD Super Duplex
- .6M0 254SMO / 6Mo
- Ti Titanium Gr2

#### Manifold Function

- MP21H H-Model Isolate/Vent manifold.



#### MESC Models SPE 60.98.56/201 Type D

(added to model number MP21H.SG.BP01.ISO.YP.xxx)



Tube compression fittings included:

- .M10 60.98.56.235.1 10mm OD
- .I02 60.98.56.237.1 3/8" OD

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