The Multi Instruments

Flat Model Manifolds

This compact flat model 2-valve manifold is designed to accommodate any DIN19213 part 2 instrument interface compliant differential or pressure transmitter.

This manifold is usually fitted into a full glass reinforced polyester cabinet like CAB1 and CAB2.

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

Maximum working pressure is 420 Bar
Maximum temperature is 200°C

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

Options
- Anti tamper facility with a removable T-bar key to prevent unauthorized operation of the valve
- Sour Gas Service
- Available in Monel, Hastelloy, Duplex or NACE compliant materials.
- Glass reinforced polyester cabinets available
- EEx cabinet heaters available
- Cabinet Insulation available
- High temperature up to 450°C
- High pressure up to 680 Bar

Connections
Vent and/or test ports will always be 1/4” thread size, independent of process connection sizes. See ordering information on the back of this specification sheet for port connection types available.

Description

Model MP21F

Valve Diagram

Call us at +31 (0)183 62 88 88, or email to instrumentation@multi-instruments.com for additional information, or visit us at www.multi-instruments.com
Model MP21F

Model number selection guide

**Manifold Function**
- MP21F Flat Model Isolate/Vent + atm. channel*

**Manifold Valve(s) Operation Mode**
- .YP Mixed PTFE seal
- .YG Mixed Graphoil seal
- .TP All T-Bar PTFE seal
- .TG All T-Bar Graphoil seal

**NOTES**
* Isolate valve is T-Bar operated, in Mixed only Vent valve is Anti-Tamper.
* PTFE <200°C, Graphoil <450°C

**Instrument Interface**
- .ISO DIN19213 part 2
- .IM Integral Mounting

**Process Connector Options**
- .N01 1/4” NPT Female
- .N02 3/8” NPT Female
- .N03 1/2” NPT Female
- .BP01 1/4” BSP.P Female
- .BP02 3/8” BSP.P Female
- .BP03 1/2” BSP.P Female
- .X Special

**Material**
- .SG AISI316L NACE compliant
- .M Monel
- .H Hastelloy
- .D Duplex
- .X Special

Call us at +31 (0)183 62 88 88, or email to instrumentation@multi-instruments.com for additional information, or visit us at www.multi-instruments.com