The Multi Instruments
Slimline Monoflange Manifolds

Model MP21 “Half DIN19213”

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
- Fire safe O.S.&Y Primary valve
- Full traceability of all materials
- 100% pressure tested

Options

- Flanges according DIN and ANSI
- Flange sizes from 1/2” up to 3”
- Pressure rating from 150# up to 2500#.
- Available in Monel, Hastelloy, Duplex or NACE compliant materials.
- Body enclosure and EEx manifold heater
- High temperature up to 450°C
- High pressure up to 10.000 PSI

Description

The Multi Instruments
Slimline Monoflange Manifold

This slimline monoflange is designed to replace the primary and secondary Process valve assemblies which are usually needed for Absolute pressure instruments with a Half DIN19213 (no atmospheric port) connection.

It is a combination of the primary process isolation valve (O.S.&Y), an optional bleed, optional secondary valve and 2-valve manifold, all integrated in one forged body.

The main advantages are less leaking points, weight saving and reduction in installation and maintenance time and costs.

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

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.

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 MP21 “Half DIN19213”**

### Model number selection guide

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<td>MP21 Isolate/Vent manifold function</td>
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<td><strong>Primary Valve(s) Function</strong></td>
<td>.SB Single Block, .SBB Single Block/Bleed, .DB Double Block, .DBB Double Block/Bleed, .DBV Double Block/Vent</td>
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<tr>
<td><strong>Primary Valve Type</strong></td>
<td>.OSY OS&amp;Y Valve, .NVP Needle Valve PTFE, .NVG Needle Valve Graphoil</td>
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<td><strong>Flange Standard</strong></td>
<td>.A ANSI, .D DIN</td>
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<td><strong>Pressure Rating</strong></td>
<td>01 150# / PN6, 03 300# / PN10, 06 600# / PN16, 09 900# / PN40, 15 1500# / PN100, 25 2500#</td>
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<tr>
<td><strong>Flange Size</strong></td>
<td>03 1/2” / DN15, 04 3/4” / DN20, 05 1” / DN25, 10 2” / DN50, 20 3” / DN80</td>
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<td><strong>Instrument Interface Options</strong></td>
<td>.ISO DIN19213 part 2</td>
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<td><strong>NOTES</strong></td>
<td>OS&amp;Y is always T-Bar/Graphoil, Mixed only Vent is Anti-Tamper.</td>
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<tr>
<td></td>
<td>PTFE &lt;200°C, Graphoil &lt;450°C</td>
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