

### FEATURES

- 1 isolate & 1 vent valves

### APPLICATIONS

- Isolation & venting of gauges, switches & transmitters
- High pressure line shut off
- Liquid & gas services

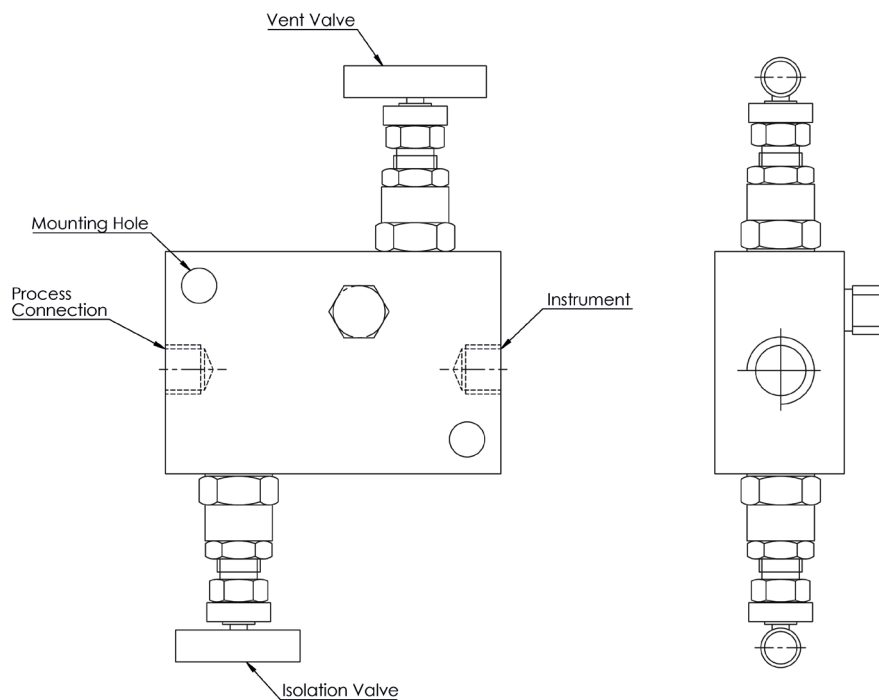
### Direct Mounting (Flat in line)



### STANDARD SPECIFICATIONS

Mounting	: In line
Wetted parts	: AISI 316 SS
Instrument connection	: ½" NPT (F)
Stem packing	: PTFE
Process connection	: ½" NPT (M)
Stem	: Conical metal tip
Max. working pressure	: 413.7 bar (6000 psi) —> Option (OV) up to 15000 psi
Max. working temperature	: 240°C
"T" bar handle	: AISI 316 SS
Drain port	: ¼" NPT (F), plugged

### DIMENSIONAL DRAWING



All dimensions are in mm.

## ORDERING CODES

### 1. MOUNTING

<b>D</b>	Direct	<b>D</b>
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### 2. WETTED PARTS

<b>MB</b>	Carbon Steel / ASTM A105	<b>MF</b>	AISI 316 SS	<b>MF</b>
<b>MC</b>	AISI 304 SS	<b>MM</b>	Monel	
<b>MG</b>	AISI 316L SS	<b>MO</b>	Hastelloy C-276	
<b>MD</b>	Super Duplex F51			
<b>MI</b>	Inconel 625			

### 3. INSTRUMENT CONNECTION

<b>11N</b>	1/8" NPT (M)	<b>12N</b>	1/4" NPT (M)	
<b>13N</b>	3/8" NPT (M)	<b>14N</b>	1/2" NPT (M)	
<b>11B</b>	1/8" BSP (M)	<b>12B</b>	1/4" BSP (M)	
<b>13B</b>	3/8" BSP (M)	<b>14B</b>	1/2" BSP (M)	
<b>01N</b>	1/8" NPT (F)	<b>02N</b>	1/4" NPT (F)	
<b>03N</b>	3/8" NPT (F)	<b>04N</b>	1/2" NPT (F)	<b>04N</b>
<b>01B</b>	1/8" BSP (F)	<b>02B</b>	1/4" BSP (F)	
<b>03B</b>	3/8" BSP (F)	<b>04B</b>	1/2" BSP (F)	

### 4. STEM PACKING

<b>P</b>	PTFE	<b>G</b>	Grafoil	<b>P</b>
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### 5. PROCESS CONNECTION

<b>11N</b>	1/8" NPT (M)	<b>12N</b>	1/4" NPT (M)	
<b>13N</b>	3/8" NPT (M)	<b>14N</b>	1/2" NPT (M)	<b>14N</b>
<b>11B</b>	1/8" BSP (M)	<b>12B</b>	1/4" BSP (M)	
<b>13B</b>	3/8" BSP (M)	<b>14B</b>	1/2" BSP (M)	
<b>01N</b>	1/8" NPT (F)	<b>02N</b>	1/4" NPT (F)	
<b>03N</b>	3/8" NPT (F)	<b>04N</b>	1/2" NPT (F)	
<b>01B</b>	1/8" BSP (F)	<b>02B</b>	1/4" BSP (F)	
<b>03B</b>	3/8" BSP (F)	<b>04B</b>	1/2" BSP (F)	

### 6. OTHER OPTIONS

<b>TN</b>	NACE standards	
<b>TO</b>	Use for Oxygen service	
<b>TH</b>	Hydro test certificate	
<b>TC</b>	Material test certificate	
<b>XR</b>	Customized Marking	
<b>XL</b>	Marking by laser	<b>XL</b>
<b>OV</b>	Overpressure up to 15000 psi	

## Ordering Example : M2S-D-MF-04N-P-14N-XL

### STANDARD EXECUTION

PACKING MATERIAL	PRESSURE VS TEMPERATURE	
PTFE (High Pressure)	690 bar at 38°C	10.000 psi at 100 °F
	420 bar at 38 °C	3000 psi at 100 °F
PTFE	276 bar at 204 °C	4000 psi at 400 °F
	420 bar at 38 °C	6000 psi at 100 °F
Graphite	209 bar at 538 °C	3000 psi at 1000 °F

### NOTE

Other connections are available, please contact factory for details.

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