

FEATURES

- 2 isolate, 1 equalize & 2 vent valves (plugged vent provided)

APPLICATIONS

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

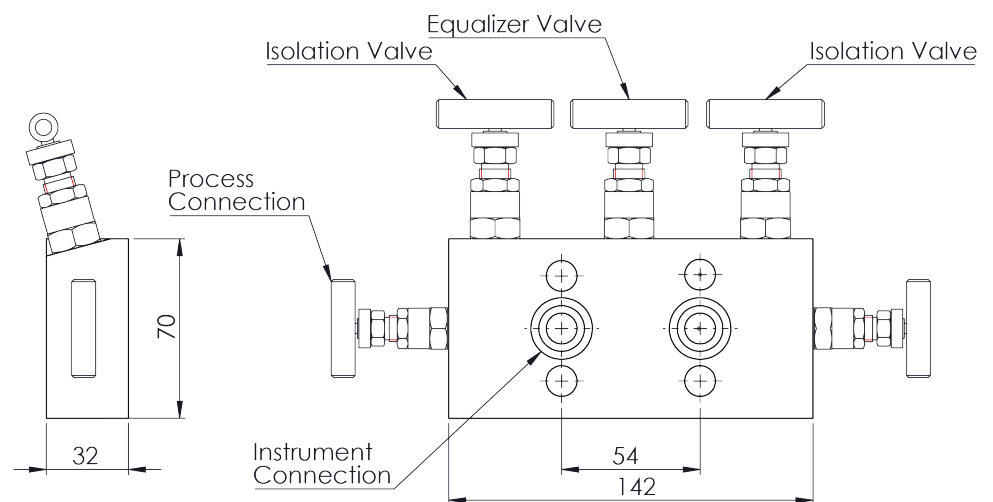
Direct Mounting



STANDARD SPECIFICATIONS

Mounting	: Direct
Wetted parts	: AISI 316 SS
Instrument connection	: Flanged
Stem packing	: PTFE
Process connection	: ½" NPT (F) x 2 Nos
Stem	: Conical metal tip
Max. working pressure	: 6000 psi
Max. working temperature	: 240°C
"T" bar handle	: AISI 316 SS
Drain port	: ¼" NPT (F) x 2 Nos, plugged
Weight	: ~2792 g

DIMENSIONAL DRAWING



All dimensions are in mm.

ORDERING CODES

1. MOUNTING

DR	Direct	DR
----	--------	----

2. WETTED PARTS

MB	Carbon Steel / ASTM A105	
MC	AISI 304 SS	
MF	AISI 316 SS	MF
MG	AISI 316L SS	
MM	Monel	
MO	Hastelloy C-276	

3. INSTRUMENT CONNECTION

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

4. STEM PACKING

ME	PTFE	ME
MA	Grafoil	

5. PROCESS CONNECTION

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

6. OTHER OPTIONS

TN	NACE standards	
TO	Use for Oxygen service	
TH	Hydro test certificate	
TC	Material test certificate	
XL	Marking by laser	XL

Ordering Example : M5H-DR-MF-04N-ME-04N-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.

02/02