SANGAN

SANGAN SANAT CO.

FIVE VALVE MANIFOLD

M5A

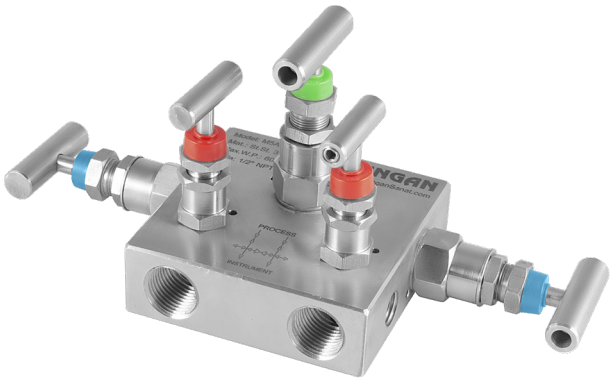
FEATURES

- 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

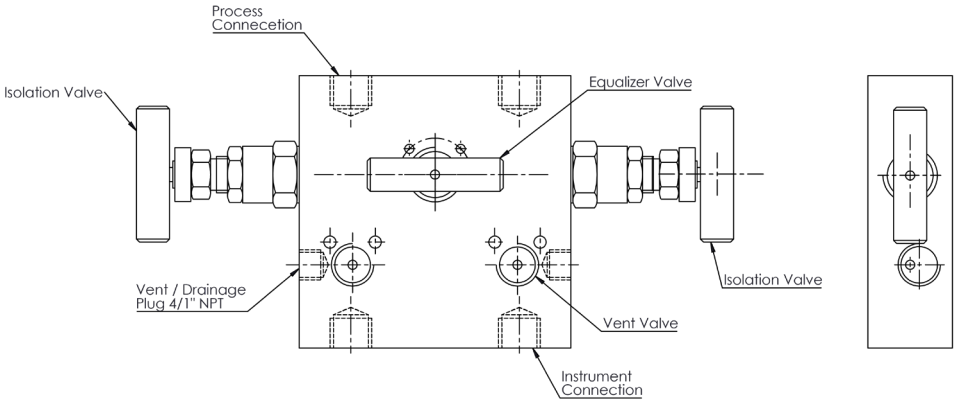
Remote Mounting



STANDARD SPECIFICATIONS

Mounting	:	Remote
Wetted parts	:	AISI 316 SS
Instrument connection	:	½" NPT (F) x 2 Nos
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

DIMENSIONAL DRAWING



All dimensions are in mm.

Rev. 00

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ORDERING CODES

1. MOUNTING

R	Remote	R

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	¼" NPT (M)	
13N	3/8" NPT (M)	14N	½" NPT (M)	
11B	1/8" BSP (M)	12B	¼" BSP (M)	
13B	3/8" BSP (M)	14B	½" BSP (M)	
01N	1/8" NPT (M)	02N	¼" NPT (F)	
03N	3/8" NPT (F)	04N	½" NPT (F)	04N
01B	1/8" BSP (F)	02B	¼" BSP (F)	
03B	3/8" BSP (F)	04B	½" BSP (F)	

4. STEM PACKING

P	PTFE	P
G	Grafoil	

5. PROCESS CONNECTION

11N	1/8" NPT (M)	12N	¼" NPT (M)	
13N	3/8" NPT (M)	14N	½" NPT (M)	
11B	1/8" BSP (M)	12B	¼" BSP (M)	
13B	3/8" BSP (M)	14B	½" BSP (M)	
01N	1/8" NPT (F)	02N	¼" NPT (F)	
03N	3/8" NPT (F)	04N	½" NPT (F)	04N
01B	1/8" BSP (F)	02B	¼" BSP (F)	
03B	3/8" BSP (F)	04B	½" 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 : M5A-R-MF-04N-P-04N-XL

STANDARD EXECUTION

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

NOTE

Other connections are available, please contact factory for details.

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