



5 VALVE MANIFOLD - SEPARATELY MOUNTED (R) TYPE

DESCRIPTION: For use with D/P transmitters Direct mount to transmitter. Two process isolation valves, two equalizing valves and one drain valve on a single block.

TECHNICAL DATA

| | |
|--------------------------------|--|
| CONNECTIONS: | Instrument & Process – 1/2" NPT (F) |
| BODY: | Barstock single piece, CS, ASTM A108 / ASTM A479 316SS |
| STEM: | Close tolerance surface finish, cold rolled threads, ASME SA-479 Type 316SS |
| NEEDLE TIP: | Self-centering, non-rotating hardened & ground, ASME SA-479 Type 316SS |
| UPPER/LOWER GLAND BODY: | SS locking pin provided. CS, ASTM A108 plated or ASME SA-479 Type 316SS |
| GLAND PACKING: | Adjustable, below stem thread design (PBT), prevent process fluid contact with stem threads. PTFE for temperature below 400°F / Graphite for temperature above 400°F. |
| HANDLE: | 'T' Bar handle, CS, ASTM A108 plated or ASME SA-479 Type 316SS |
| WASHER: | ASME SA-479 Type 316SS |
| PRESSURE/TEMP RATING: | PRESSURE 1500 PSI / TEMPERATURE 1,000°F PRESSURE 4000 PSI / TEMPERATURE 500°F PRESSURE 6000 PSI / TEMPERATURE 200°F |
| TEST PRESSURES: | Body : Hydrostatic at 6000 PSI Seat & Gland : 1000 PSI with Nitrogen |
| PIPE MOUNTING FACILITY: | Drilled holes provided for brackets |
| OPTIONS: | Material of construction conforming to NACE-MR-01-75 Other materials available for corrosion resistance Soft Seat |

Contact Us: **Canada Sensors Technology Inc.**
10 – 328 Wale Road
Victoria, BC V9B 0J6
Canada
250-588-8085
sales@canadasensors.com
www.canadasensors.com

Manufacturer of Advanced Technology
Level and Pressure Transmitters

Drawing Reference: DWG_5VM_SEP_001

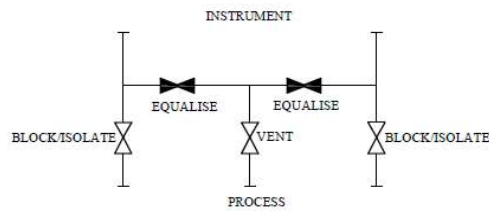
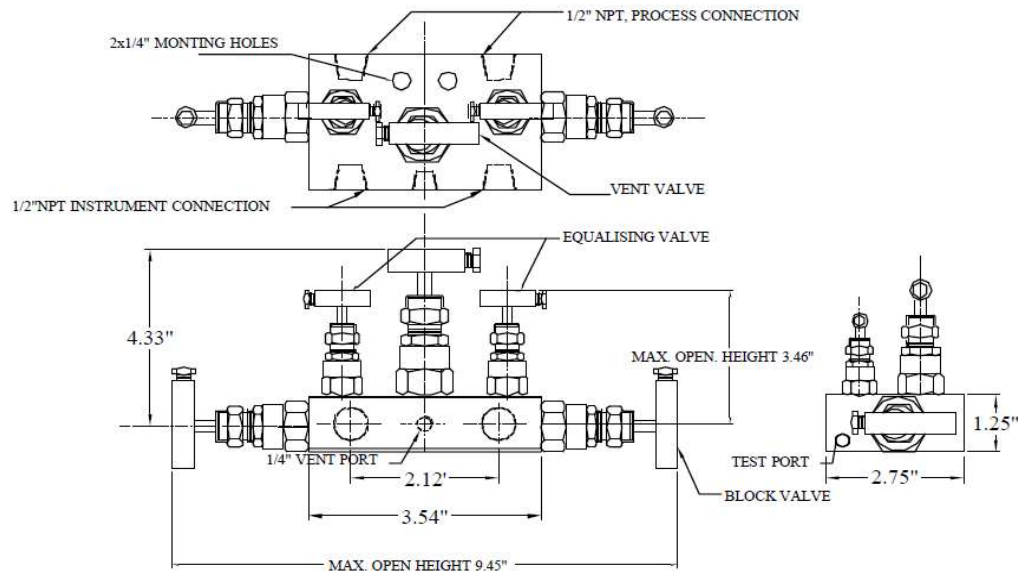
Part Number Reference: CST 5VM-SEP-001-316
CST 5VM-SEP-001-CS

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| TEMP | CS | SS | ORIFICE DIA. D | Cv |
|------------|----------|----------|----------------|--------------|
| ROOM T | 6000 PSI | 6000 PSI | 0.220" | 0.65 MAXIMUM |
| 500 DEG F | 4000 PSI | 4000 PSI | | |
| 1000 DEG F | 1500 PSI | 1500 PSI | | |

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| DRAWN | | CANADA SENSORS TECHNOLOGY INC. | | | |
| KH | 06/04/2019 | | | | |
| CHECKED | | TITLE | | | |
| QA | | 5 VALVE MANIFOLD SEPARATELY MOUNTED 'T' TYPE | | | |
| MFG | | | | | |
| APPROVED | | SIZE: | | DWG NO.: | REV. |
| | | | | DWG_5VM_SEP_001 | 0 |
| | | SCALE: | | SHEET 1 OF 1 | |