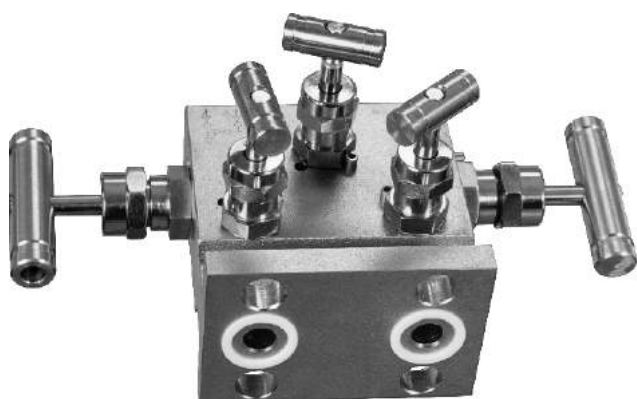
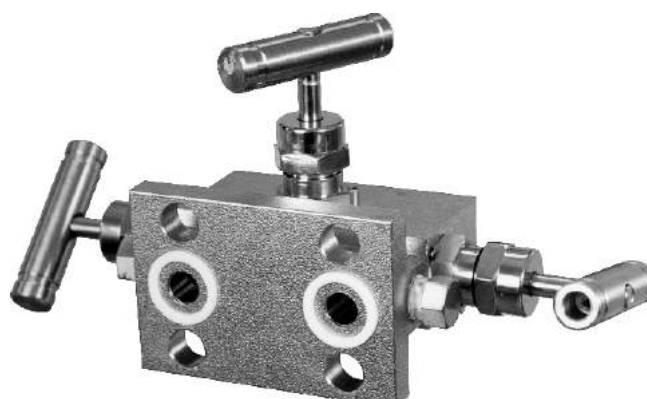


VM-3 and VM-5 valve manifolds

✓ Body material – stainless steel (316ss)



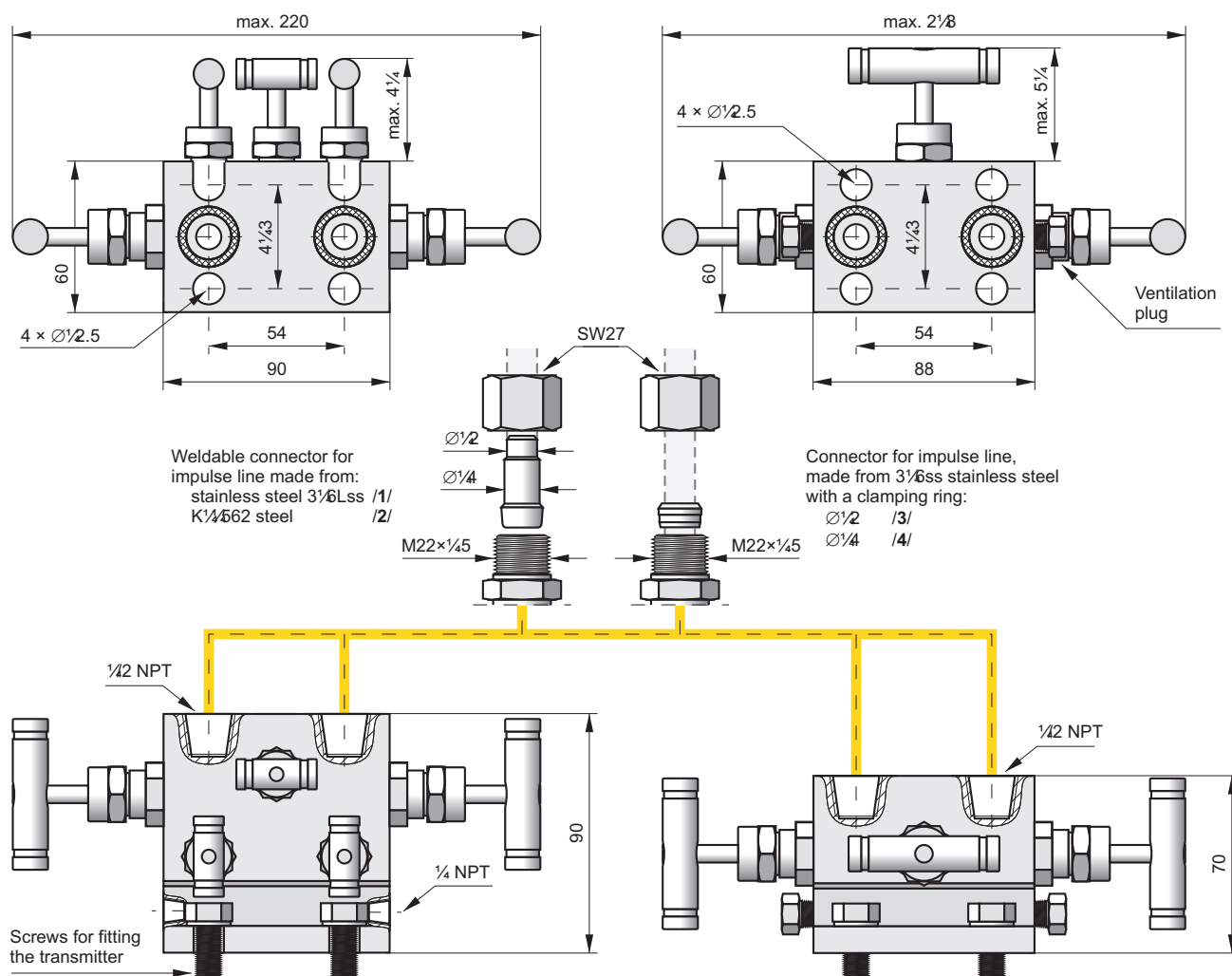
VM-5 valve



VM-3 valve

Features

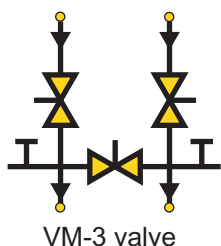
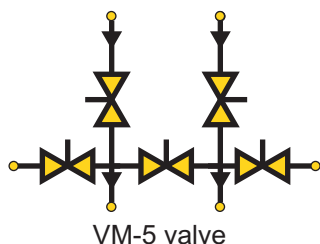
3-valve and 5-valve manifolds are used where relative pressure transmitters are installed. They enable essential operations to be performed on the transmitters, such as starting up a transmitter or setting the zero position in conditions of static or atmospheric pressure. The five-valve manifold also enables a calibrator to be connected for metrological testing of the transmitter. The VM-3 and VM-5 have a modern lightweight construction. The high precision of manufacture enables individual valves to be opened and closed easily.



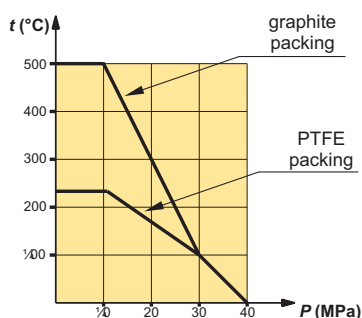
Technical parameters

| | |
|-------------------------|-------------------------------------|
| Maximum pressure | 420 bar (according to the graph) |
| Pin packing | PTFE or graphite |
| Body material | 316ss |
| Weight: | |
| VM-3 | 1/8 kg |
| VM-5 | 2.54 kg |
| Connectors: | |
| to the installation | – 1/2 NPT sockets |
| to the transmitter | – 54 mm spacing |

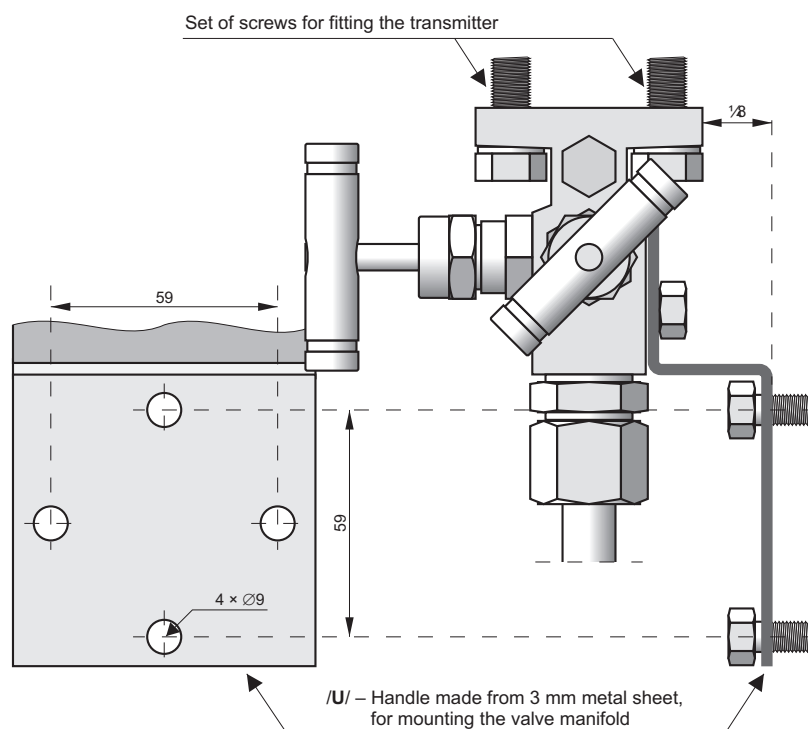
Connection diagrams



Operating pressure range as a function of temperature



Example of installation of the VM-3 with fitting accessories



Special versions

Versions R



Versions H



Recommendations concerning selection of valves

The standard versions of the valves have Teflon pin packing; a special version is available with graphite packing. The special version should be used only when the valves operate at temperatures in excess of 200°C.

The valve manifold is supplied with seals for the collar-type output points. To order, it can be supplied additionally with a set of M10 or 7/16" screws for fitting the transmitter, connectors for impulse lines and a sheet-metal handle used to mount the valve on the construction.

Ordering procedure

Valve manifolds:

3-valve – **VM-3** / / /

5-valve – **VM-5** / / /

Special versions:

H – constructional versions (only VM-3)

R – constructional versions

Graphite – graphite pin packing

Tlen – valve adapted to contact with oxygen

NACE – NACE MR-0175 comply

Additional equipment
– description:

Code

| Code | Product |
|----------|--|
| A | Set of M10 screws for fitting the transmitter (up to 250 bar) |
| B | Set of 7/16" × 1/4" screws for fitting the transmitter (up to 41/3 bar) |
| C | Set of 7/16" × 2 1/4" screws for fitting the transmitter with covers type COPLANAR |
| D | Set of M10 screws for fitting the transmitter (up to 320 bar) |
| 1 | Set of weldable stainless steel connectors (316ss) |
| 2 | Set of weldable steel connectors (K1/4/62) |
| 3 | Set of connectors with Ø1/2 clamping ring |
| 4 | Set of connectors with Ø1/4 clamping ring |
| U | Handle for mounting the valve |