

3-valve Manifold Type 11

Max. DN 5, max. PN 420, max. temperature +250 °C (+482 °F)

This 3-valve manifold is flange-mounted to a differential pressure measuring instrument (transmitter). The “+” and “-” connections can be shut off. The centre valve is the equaliser valve.

- instrument connection flangeable according to DIN EN 61518
- back seated valve spindle with cold-rolled surface
- internal spindle thread
- replaceable valve seat
- crimped valve cone

Body

Drop forged component, stainless steel 316Ti (1.4571)

Bonnet	stainless steel 316Ti (1.4571)
Valve seat	stainless steel 316Ti (1.4571)
Valve cone	stainless steel 316Ti (1.4571)
Valve spindle	stainless steel 316Ti (1.4571)
Packing	PTFE up to +200 °C (+392 °F)
Union nut	stainless steel 316Ti (1.4571)

Connections

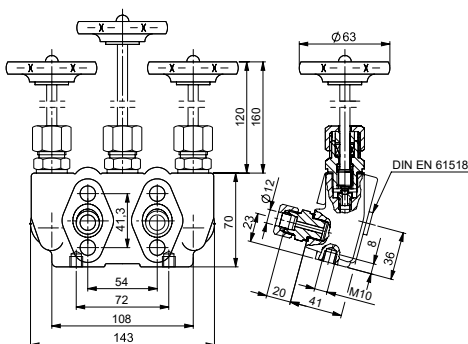
Input	cutting ring fitting stainless steel 316Ti (1.4571) for tube Ø 12 mm (0.47")
Output	flange DIN EN 61518

3 Hand Wheels

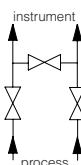
Made of heat-resistant plastic

Special Versions

- with mounting assembly consisting of:
 - 4 screws made of steel or stainless steel¹⁾
 - 7/16 – 20 UNF x 2 1/4"
 - 4 washers made of steel or stainless steel¹⁾
 - 2 packings made of PTFE
- free of grease and oil for oxygen service, max. temperature +60 °C (+140 °F) and max. PN 250
- temperature-resistant up to +250 °C (+482 °F)
- 1 socket wrench with T-handle made of steel



Wiring Diagram



¹⁾ Only the stainless steel version is suitable for O₂!

5-valve Manifold Type 12

Max. DN 5, max. PN 420, max. temperature +250 °C (+482 °F)

This valve manifold is only used for adjusting the zero point of a differential pressure gauge. It is manufactured in a compact form and the connections and fitting dimensions can be adapted to the differential pressure gauge.

- instrument connection flangeable according to DIN EN 61518
- back seated valve spindle with cold-rolled surface
- internal spindle thread
- replaceable valve seat
- crimped valve cone

Body

Drop forged component, stainless steel 316Ti (1.4571)

Bonnet	stainless steel 316Ti (1.4571)
Valve seat	stainless steel 316Ti (1.4571)
Valve cone	stainless steel 316Ti (1.4571)
Valve spindle	stainless steel 316Ti (1.4571)
Packing	PTFE up to +200 °C (+392 °F)
Union nut	stainless steel 316Ti (1.4571)

Connections

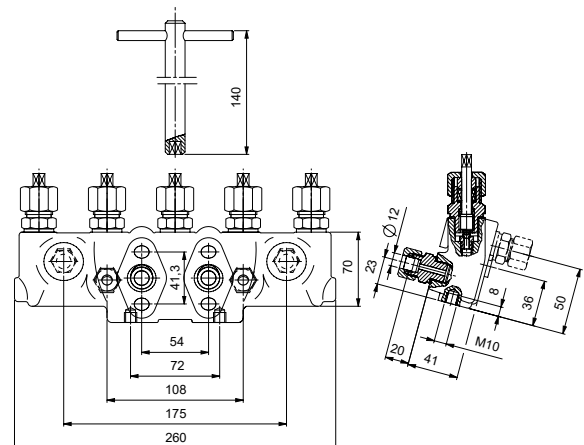
Input/blow-out	cutting ring fittings stainless steel 316Ti (1.4571) for tube Ø 12 mm (0.47")
Output	flange DIN EN 61518

1 Socket Wrench

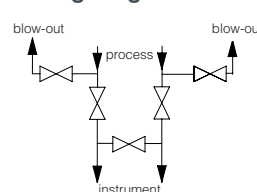
With T-handle made of black-oxide finished steel

Special Versions

- with mounting assembly consisting of:
 - 4 screws made of steel or stainless steel¹⁾
 - 7/16 – 20 UNF x 2 1/8"
 - 4 washers made of steel or stainless steel¹⁾
 - 2 packings made of PTFE
- free of grease and oil for oxygen service, max. temperature +60 °C (+140 °F) and max. PN 250
- temperature-resistant up to +250 °C (+482 °F)



Wiring Diagram



Pressure Compensation Valves

for differential pressure gauges

3-valve Manifold Type 13

Max. DN 3, max. PN 40, max. temperature +70 °C (+158 °F)

Fitting for connecting and commissioning differential pressure gauges

Valve I	connection of + and – chamber (pressure equalisation)
Valves II	1 shut-off valve for the + and – effective pressure line

All valves are closed upon delivery.

Body

Stainless steel 316L (1.4404)

Hand Wheels

Stainless steel 316L (sealable and removable)

O-rings

FKM

Connections

Device connection	union nut G ½ made of stainless steel 316L (1.4404)
Process connection	various versions e.g. G ½ B, G ¼ B made of stainless steel 316L (1.4404) or G ½, G ¼ made of stainless steel 316L (1.4404) others upon request

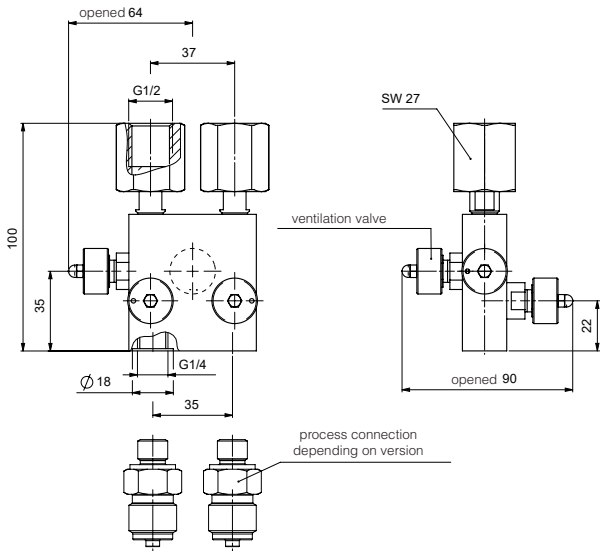
Special Version

4-valve manifold	upon request, the valve manifold is equipped with an additional ventilation valve
------------------	---

Ordering Information

Please specify the type and, if necessary, required special versions in your order.

Example	5-valve manifold type 12, temperature-resistant up to +250 °C (+482 °F)
---------	--



Wiring Diagram

