

High pressure manifold with non-return valve

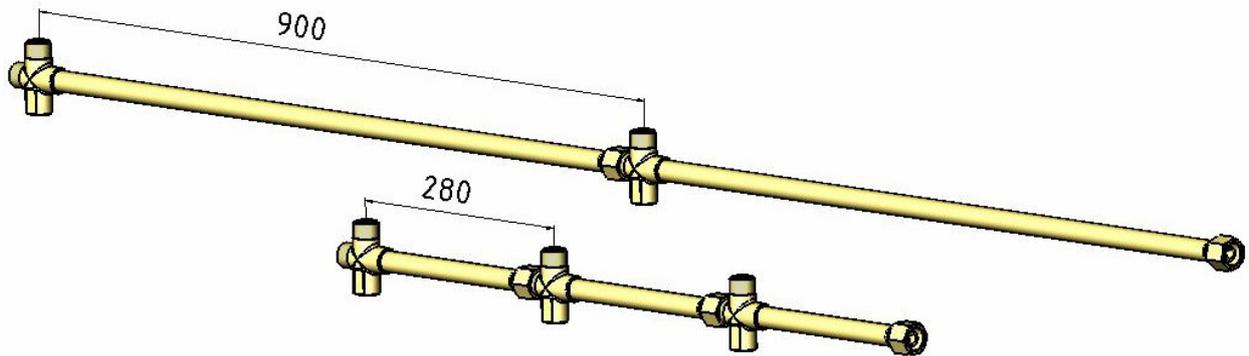


Figure 1:
 Top: 2 x manifold with non-return valve, 1- x - for bundle battery installation
 Bottom: 3 x manifold with non-return valve, 1-x - for cylinder battery installation

Manifold with non- return valve, 1-x

In modular design can be rowed to the desired quantity.

Lange Version (length 900mm) für bundle battery installation, short version (length 280mm) for cylinder battery installation.

The integrated non-return valve with filter element ensures safety and prevents transfilling.

Applicable for the left or right side of the cylinder battery or bundle battery.

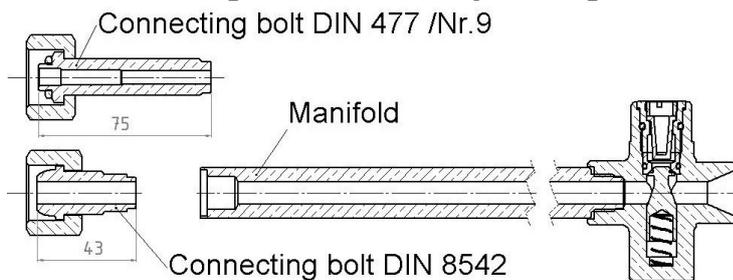
Through metallic sealing to DIN 8542 there is no need for sealing gaskets between the manifold and single parts.

Tested for Oxygen tolerance and certified by BAM - Berlin.

Functional parts exchangeable as service kits.

NOTE: As high pressure connections to gas supply only our elbow connection tubes HSR and connection hose HSR can be used.

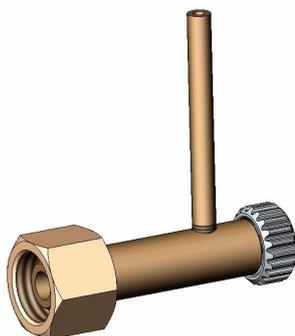
Choice of connecting bolts for assembly to fittings



A choice of connecting bolts enables the individual connection of the manifold to the following gas supply station

Further connections on request.

Options und accessories



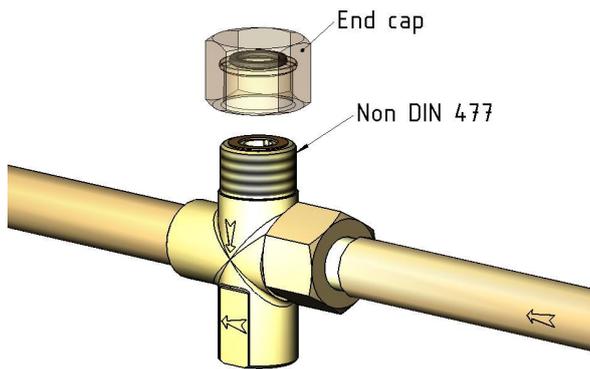
Pressure release valve, G3/4, DIN 8542

The pressure release valve ensures the safe release of pressure when changing cylinders or bundles

Oxygen tolerant and certified by BAM - Berlin.

The fitted venting tube enables the use of a venting system.

One pressure release valve is needed per Manifold system (one side only).

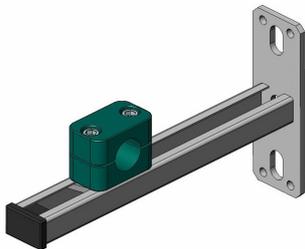


End cap for non-return valve

To seal off non-return valve connections that are momentarily not connected to the gas supply
With integrated o-ring to protect the sealing surface.

Note to housing connection non-return valve

The inlet connections of the manifolds are not to DIN 477



Wall bracket, 1-x

With the wall bracket we offer a safe mounting bracket for the manifold system.
Adjusting possibilities in 3 axes ensure the accurate aligning of the manifolds with the installation.
Required division per side: 1-x = 1pcs.; 2-x = 1pcs.; 3-x = 2pcs.; 4-x = 2pcs.; 5-x = 3pcs.; 6-x = 3pcs.

Note:

To put together a complete cylinder battery or bundle battery to your own requirements please use our *“selection sheet for cylinder battery installation”* or *“selection sheet for bundle battery installation”*

Descriptions of our cylinder and bundle batteries can be found on our separate data sheets.

Technical details:

Manifold and non-return valve:

Material:	Brass
Valve seat:	ø 8mm
Seat gasket:	Viton
Nominal tube dia.:	ø 10 mm
Filter – Pore size:	40 µ
Differential pressure:	0,5 bar

Hornung Quality standard

The company Hornung is certified to **DIN EN ISO 9001**

All single parts are manufactured, assembled and tested in house.

The finished parts are therefore under the criteria of our exact quality control with 100% final control.