

Point of use regulator HP 410

- used for individual solutions with inlet from the back side



Description:

The HP 410 is a single stage pressure regulator with metal diaphragm construction. It is used as a second stage in a central gas supply system for high purity gases.

The pressure regulator will be supplied with a gauge for indicating working pressure as standard.

Application area:

The pressure regulator can be combined with our shut-off valve HP 502 and our metering valve HP 503. This pressure regulator is used in gas supply stations HP 400; HP 401; HP 402 and HP 403.

Especially for gases with high requirements on purity to 6.0. Our special cleaning system for the HP Series also guarantees the use for ECD applications

Technical details:

Body:	stainless steel 1.4404 electropolished or brass, nickel and matt chrome plated
seat:	PCTFE
Diaphragm:	1.4435
Leakage rate: against atmosphere	10^{-8} mbar l/s He
Gas purity:	≤ 6.0
Max. Inlet pressure:	40 bar
Outlet pressure range:	0,1-1; 0,1-3; 1-6; 1-10 bar
Operating temp.:	-20 °C to +70 °C
Gauge:	Safety version to EN 837-1 KL1,6
Dimensions (wxhxd):	50 x 105 x 105
Weight:	710g
Connections:	Inlet G3/8" f Outlet G1/4" f

Hornung Quality standard

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

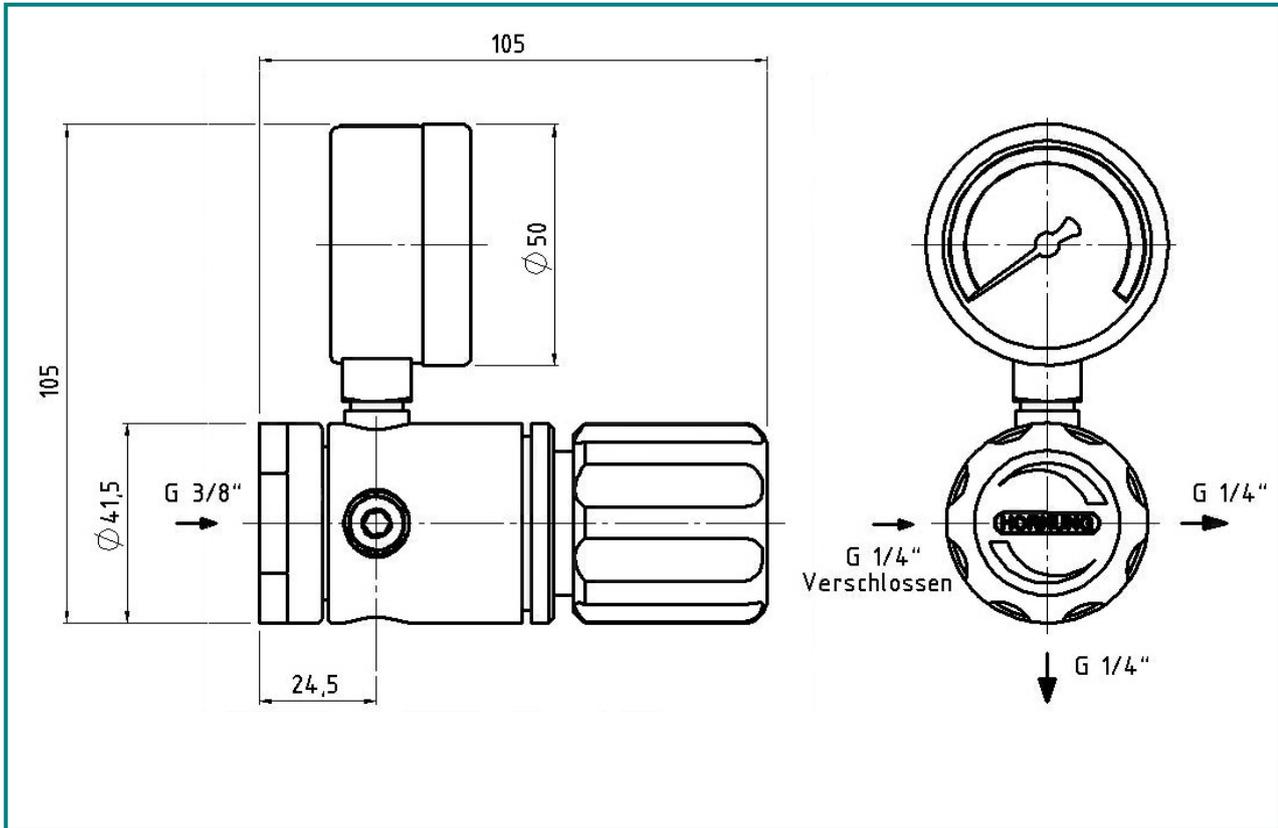
All single parts are manufactured, assembled and tested by in-house production.

The finished parts are therefore under all criteria of German quality control with 100% final inspection.

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Accessories:

See total catalogue segment

5. Diaphragm shut-off and metering valves
6. Gauges, Screw connections, Cylinder holders and accessories

Ordering information:

Material:

HP410 = stainless steel electropolished
HP410MS = brass, nickel and matt chrome Plated

Outlet pressure ranges:

01 = 0,1 - 1 bar
02 = 0,1 - 3 bar
03 = 1 - 6 bar
04 = 1 - 10 bar

Option on the outlet pressure side:

03 = compression fitting 3mm
06 = compression fitting 6mm
08 = compression fitting 8mm
10 = compression fitting 10mm
12 = compression fitting 12mm

HP410-	02	06	Gasart
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Type Pressure Option Gas type