

PSLHOFT | PSLHEFT – DRUVA®PUR POINT OF USE
 POINT OF USE | PUR LINE (STAINLESS STEEL) | 20 m³ SERIES | HIGH PRESSURE VERSION | SINGLE STAGE



Wall tapping point for supply systems for pure, inert, flammable, oxidising, corrosive and/or toxic gases and their mixtures up to gas purity 6.0.



Tapping point with relief valve



Tapping point without relief valve

TECHNICAL SPECIFICATION

- > Basic components are pre-shut-off valve, pressure reducer, back pressure gauge, mounting plate, optional check valve and/or relief valve.
- > Diaphragm shut-off valve with 90° closing function at inlet of point of use
- > 4-port pressure regulator with stainless steel diaphragm
- > Safety pressure gauge according to EN 837-1 in the downstream pressure area of the pressure regulator
- > No electrostatic charge (can be used in EX zones 1 and 2)
- > Compact design
- > Excellent pressure adjustment

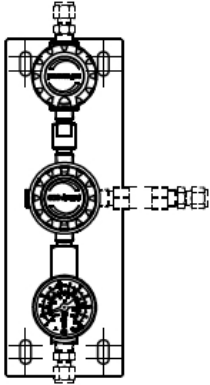
TECHNICAL DATA	
Operating temperature:	-20 °C to +60 °C
Inlet pressure:	max. 50 bar or max. 300 bar
Material gas wetted parts	
Body material:	Stainless Steel
Regulator / valve diaphragm:	Hastelloy / Elgiloy
Regulator seal:	PCTFE
Regulator seat:	PCTFE for inlet pressure > 50 bar PTFE for inlet pressure ≤ 50 bar
Valve seat:	PCTFE
Regulator and valve poppet:	Stainless Steel
Relief valve seat:	PSLHOFT-Version: FKM PSLHEFT-Version: EPDM
Filter:	Regulator: Stainless Steel 10µm/100 µm Valve: Stainless Steel 100µm
Weight	2,27 kg
Material mounting plate:	Aluminium
Process inlet:	NPT ¼" internal thread or adapter with double compression fitting
Process outlet:	NPT ¼" internal thread or adapter with double compression fitting / hose nozzle
Optional outlet relief valve	NPT ¼" internal thread or adapter with double compression fitting
Back pressure adjustable up to:	2 bar (only for inlet pressure 50 bar) 3 bar 4 bar 6 bar 10 bar 14 bar 28 bar 50 bar 100 200 bar
Gauges pressure scale (in parentheses assignment to back pressure):	2,5 bar (2 bar) 5 bar (3 bar) 10 bar (4 und 6 bar) 18 bar (10 bar) 25 bar (14 bar) 40 bar (28 bar) 80 bar (50 bar) 160 bar (100 bar) 315 bar (200 bar)
Optional opening pressure:	3,1 bar (2 bar) 4,6 bar (3 bar) 6,2 bar (4 bar) 9,2 bar (6 bar) 15,4 bar (10 bar) 21,6 bar (14 bar) 43,1 bar (28 bar) 65 bar (50 bar) 140 bar (100 bar) 260 bar (200 bar)

For detailed information on tests and approvals during development and production of our TEC/PUR series see **DATA-SpecGeneral-EN**.

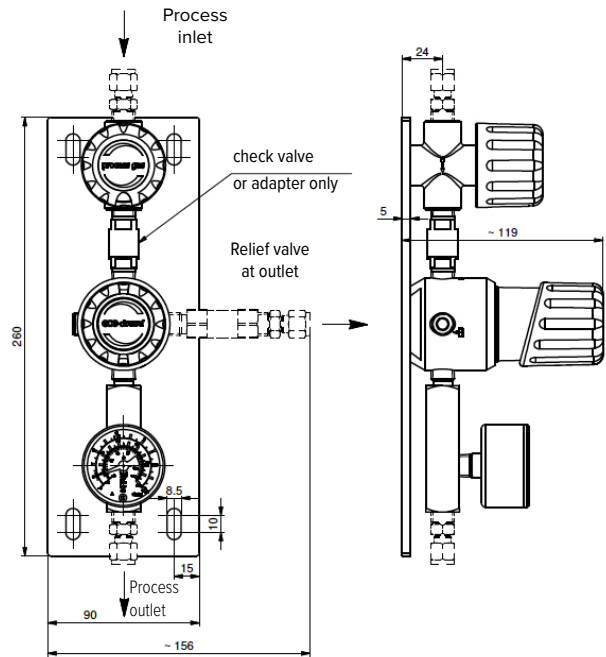
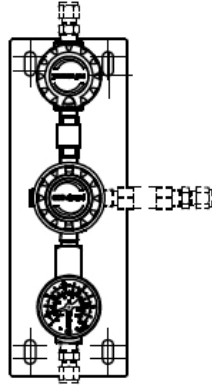
For flow curves see **DATA-FlowCurves-EN**.

TECHNICAL DRAWING – SPECIALS & DIMENSIONS

Special O
only adapter



Special C
check valve



LIST OF POSSIBLE CONNECTIONS

- N14F - NPT1/4" female
- M03S - Compression fitting \varnothing 3 MM SST
(not suitable for relief valve)
- M06S - Compression fitting \varnothing 6 MM SST
- M08S - Compression fitting \varnothing 8 MM SST
- M10S - Compression fitting \varnothing 10 MM SST
- M12S - Compression fitting \varnothing 12 MM SST

- IX2S - Compression fitting \varnothing 1/8" SST
- IX4S - Compression fitting \varnothing 1/4" SST
- IX6S - Compression fitting \varnothing 3/8" SST
- IX8S - Compression fitting \varnothing 1/2" SST
- H04S - Hose nozzle 4,8 mm SST *
- H06S - Hose nozzle 6,4 mm SST *
- H08S - Hose nozzle 8,0 mm SST *

* Hose nozzles are not suitable as inlet and relief valve connections. Hose nozzles can be used up to max. 15 bar.

ORDER INFORMATION

Example for a point of use | PUR Line | Stainless Steel | 20 m³ Series | High pressure version | Single stage

PSLHOFT PSLHEFT	C	GX	C2	00	BT	N14F	N14F	RV	M06S
	Specials	Inlet pressure	Outlet pressure	Inlet gauge	Outlet gauge	Inlet connection **	Outlet connection **	Safety device	Connection ** relief valve
	0 without	EX 50 bar	AX 2 bar nur für P1=50 bar	00 without Port F	BT Bourdon Tube Gauge	N14F NPT 1/4" female	N14F NPT 1/4" female	01 without	0001 without relief valve (plugged)
	C Check valve	GX 300 bar	BX 3 bar C2 4 bar CX 6 bar D2 10 bar DX 14 bar EY 28 bar EX 50 bar F2 100 bar FX 200 bar			M03S Compression fitting 3 mm SST	M03S Compression fitting 3 mm SST	RV Relief valve	M06S Compression fitting 6 mm SST

** Possible further connections can be found in the list above, please note the rules regarding hose nozzles
 Order code (as described above) without special characters or spaces! Complete Order Code: **PSLHOFTCGXC200BTN14FN14FRVM06S**



Link to online product configurator