

## HPI 101TP

### High purity - wall mounted point of use slim version

Model HPI 101TP is a wall mounted point of use regulator available in chrome plated brass (HPI 101TPC) or stainless steel (HPI 101TPS) barstock for pressure control of non-corrosive gases.

#### APPLICATIONS:

- High purity gas applications
- Research sample systems gases
- Gas chromatography
- Calibration gas
- Process analyzer gases

#### FEATURES:

- Recommended for non-corrosive gases purity levels up to grade 6.0 (99.9999)
- Wall mounting panel and brackets included
- Ready to install wall mounting panel, modular design
- Ergonomic, slim design
- 1 inlet port available configuration – top is standard
- 3 outlet port possible configuration – on request
- 316L stainless steel diaphragm eliminates contamination from diffusion or outgassing
- Diaphragm inlet and outlet shut-off valves
- HPI 101TPC - chrome plated body, bonnet and fittings
- HPI 101TPS - 316L stainless steel body, bonnet and fittings
- $1 \times 10^{-9}$  mbar l/s He inboard helium leak rate to maintain gas purity levels
- Inlet / outlet - 1/4" FNPT
- Maximum inlet pressure 40 bar (580 psig)
- Cleaned for oxygen service

#### TECHNICAL DATA:

Regulator type	Single stage
Purity	Up to 6.0
Inlet pressure	Max. 40 bar (580 psi)
Outlet pressure	2/4/10 bar (29/58/145 psi) 20 bar (290 psig) on request
Flow capacity	$C_v = 0,07$
Oxygen use	Suitable

#### MATERIALS:

Body, bonnet	316L stainless steel barstock or chrome plated brass barstock
Diaphragm (regulator)	Hastelloy®*C276
Diaphragm (valve)	Hastelloy®*C276
Nozzle	316L stainless steel
Seat	PEEK
Seals O-ring	Viton®** (FKM)
Filter	SS 316L
Adjusting Knob	ABS plastic

\* Hastelloy® is a registered trademark name of Haynes International, Inc  
\*\* Viton® is a registered trademark of The Chemours Company



Models shown with additional accessories to be ordered separately

