Proportional Control Filling

Technical Data Sheet

Proportionally controlled, semi-automatic cylinder filling module, providing "Fine Fill" control delivering more accurate / repeatable filling of both mono and mixed gases whilst reducing heat rise and therefore delivering faster fill times

Key features

- Integrated proportionally controlled valve enabling adjustable fill profile.
- Fine control means repeatable filling tolerances
- Less heat generation during filling therefore faster, continuous filling.
- Modular construction permits variable valve (size) selection, dependent on cylinders sizes to be filled.
- Used within mono or mixed gas filling applications.
- Integrated (stand-alone) low cost control system option
- Cost effective entry to semi-automatic filling

Equipment

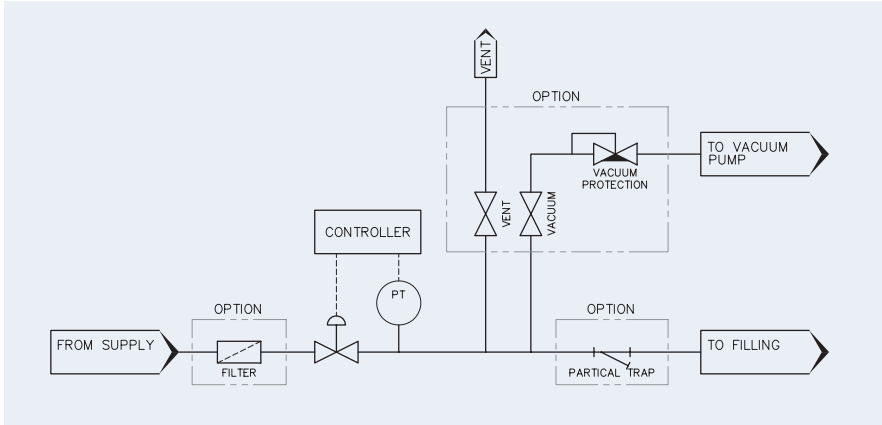
- Modular / flexible unit
- DN03 or DN12 Proportionally Controlled fill valves.
- Actuated or manual vent and vac valves.
- Full *AiFill* Control platform or simple I to P converter and local control panel
- Options: Integrated pressure relief, inlet filter, pressure indication, particle trap and vacuum protection valve

Engineering / Design

- Process (P&ID), Mechanical, Electrical and Instrumentation design
- Software configuration
- Safety studies
- Installation and commissioning - available on request
- Training
- Operating instructions
- Full documentation
- Post project support

Ordering information

- Gases to be filled?
- Maximum flow rates (pump capacity)
- Fill pressure(s)
- Number and size of cylinders to be filled per hour



Tel: +44 (0) 1483 268269 **Email:** enquiries@igas-ts.com **www.igas-ts.com**