

PFIR INSERTION REGULATOR

The EnPro PFIR is an insertion Probe Regulator that provides a regulated pressure sample supply to chromatograph's, H₂S analysers, gravimeters, calorimeters, moisture analysers, instrument gas take-offs, and other on line analysing equipment.

By taking the pressure drop at the tip of the probe, inside the pipe, the Joule-Thompson effect is minimised or eliminated. Thus a dry sample is generated, essential for on-line analysers. To assist the reduction of forces generating vortex shedding, the helical transition tube acts as an aerodynamic stabiliser.

SPECIFICATIONS

Pressure temperature rating	Std 1500 ANSI
Outlet pressure	20-18,000 kPa
Connections	1" NPT connection standard. ¾" and ½" available. Flanged connection available up to 900 ANSI in RF, RTJ, etc.; Screwed-on Carbon steel or Stainless steel; Integral.
Insertion length	75 mm standard with variable extensions available
Construction & materials	316 stainless steel, Viton elastomers (std) PTFE/PEEK seat Inlet filter 30 microns Bolted bonnet.
Capacity	Cv: 0.06
Options	Silconert treatment (inhibits sulphur and mercury ingress) Specialty tips for liquids and particulates (pre and post regulation) Heated version available



**PFIR Regulator,
1" connection;
110 mm insertion**

ABOUT US

Since 1990, Haldatec has been providing products and services to the Oil, Gas and related industries in Australia, Pakistan, Singapore, Papua New Guinea, India and New Zealand.

ENPRO

Our house product label, EnPro, has been developed to complement our core business and has been driven by customer needs. Our comprehensive range includes innovative designs, adaptations and applications introduced to solve problems for our customers.

STANDARDS

To ensure we provide the best possible support for our customers and suppliers, we have certification to ISO9001:2015.