SOUTHLAND SENSING

SS-1200 Sample System

Product Specification Sheet

High Pressure Sample System with Integral Bypass Isolation

Key Features

- High Pressure Sample Handling – 1500 PSIG Max
- Integral Pressure Regulator & Gauge
- Integral Flow Indicator with Metering Valve
- Integral BYPASS / SAMPLE Isolation Valve
- Maintains Process Bypass Flow While Isolated



**Analyzer not included*

Overview

The Southland Sensing SS-1200 Sample System is designed for high-pressure gas applications where the process sample must be reduced and controlled before entering the analyzer. An integral pressure regulator and pressure gauge allow the operator to reduce inlet pressure and monitor sample conditions directly at the system.

For PPM measurement applications, the integral BYPASS / SAMPLE valve allows the analyzer to be isolated from the process when the system is not in use. This helps keep the sample path closed and limits unnecessary exposure of the sensor to ambient air during shutdown.

An integral flow indicator with metering valve provides visual confirmation and easy adjustment of sample flow to the analyzer. The SS-1200 combines pressure reduction, isolation, and flow control into a compact, permanently installed sample-handling system.

Analyzer Compatibility: Southland Sensing 150 and 525X series analyzers for O_2, CO_2, and H_2S measurement.

Specifications

- Dimensions: 11.5 x 12.0 x 6.0 inches
- Material: 304 Stainless Steel
- Weight w/o Analyzer: 13.0 lbs

Optional Gas Connections

- 1/8 inch Compression Tube Fittings
- 1/4 inch Compression Tube Fittings
- 6mm Compression Tube Fittings

Sample Flow Diagram

