Accessory Valves - Pressure Sensing Valve

Model PSV

Up to 12 bar operating pressure

Superior performance throughout the full operational range

Features:
- 316L stainless steel
- Arctic Service available
- Adjustable range 2 to 8 bar
The pressure sensing valve is designed for fitting to the pilot port of a valve to create an adjustable pressure sensing function. It is available 1/4” NPT male or can be purchased as part of our junior range as an option on the basic pilot unit which is detailed below. The pressure sensing valve is available for arctic service operation.

As a complete unit we also have a pressure sensing Domino range (P5). Please see Domino Catalogue for details.

**TECHNICAL INFORMATION**

**OPERATING MEDIA**
- Air, sweet and sour gas

**MAXIMUM WORKING PRESSURE**
- 12 bar g

**DIFFERENTIAL PRESSURE:**
- 0.4 bar g.

**TEMPERATURE RANGE:**
- -20°C to +180°C ambient.
- -50°C to +40°C ambient.

**MECHANICAL CONSTRUCTION**
- Body:- stainless steel 316L
- Diaphragm support:- stainless steel 316L
- Springs:- stainless steel 316 S42
- Outlet port:- 1/4” NPT male thread (BSPP option)
- Pilot port:- 1/4” NPT female (exhaust to atmosphere)

**ADJUSTABLE RANGE:**
- 2 to 8 bar g.

**DIFFERENTIAL PRESSURE:**
- 0.4 bar g.

**SELECTION CHART**

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<th>1/4” NPT standard service</th>
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<td>AS06</td>
<td>1/4” NPT arctic service</td>
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PSV Pressure Sensing Valve

K6 BSPP ports

S06 - PSV - K6 Ordering Example

PSV shown on pilot of domino junior - SJ 06-P1-32-NU-00-PSV

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March 2007
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