

PNEUMATIC CONTROL VALVES PV926H

(V926H hygienic angle valve with linear actuator PA series)

DESCRIPTION

The PV926H hygienic control valves are single seated, two-way body constructed with angle connections. The PA pneumatic actuator features a rubber diaphragm and multi-springs. Its action can be DA - direct action (air to close) or RA-reverse action (air to open). The PV926H valves have been designed to ensure an accurate control in any process condition. The self draining design is ideally suited for clean steam service applications.

MAIN FEATURES

Completely made from solid bar stock material.
Single seated, two way, direct or reverse action valve.
Valve bonnet permanently attached to the body, removal is unnecessary for replacing the actuator.
Metal to metal or soft sealing.
Self draining design.

STANDARD SURFACE FINISH

Internal wetted parts: $\leq 0,51$ micron Ra – SF1.
External : $\leq 0,76$ micron Ra – SF3.
Other surface conditions see IS PV20.00-Technical information.
Ultrasonic cleaning.
Actuator (stainless steel): Satin bead blast finish 1,6 micron Ra.
Actuator (steel): Electrostatic painted.

- OPTIONS:** Soft sealing.
Steam barrier.
Inline connections.
Positioners and position transmitters.
Air filter regulator.
Bolted bonnet.
- USE:** Saturated steam, hot and superheated water.
Process fluids, liquids, air and gases compatible with the construction.
- AVAILABLE MODELS:** PV926H
- VALVE SIZES:** 1/2" to 4"
- CONNECTIONS:** ASME BPE .
Clamp ferrules or tube weld ends.
Others on request.
- VALVE PORT:** Full port as standard.
Reduced or micro flow on request.
- PLUG TYPES:** Equal percentage (EQP).
Linear (PL).

PACKAGING: Assembling and packaging in a clean room certified according to ISO 14644-1. The product is end capped and vacuum sealed with recyclable plastic film to avoid contamination.



Clamp

Tube weld

LIMITING CONDITIONS	
Valve model	V926H
Body design conditions	PN 16
Maximum operating pressure	13 bar @ 38 °C
Max. operating steam pressure	6 bar
Max. oper. temperature steam and w ater	170 °C
Max.operating temperature with air	150 °C
Minimum operating temperature	- 10 °C

Higher and lower limits on request.

CE MARKING (PED - European Directive)	
PN 16	Category
1/2" to 2"	SEP
2 1/2" to 4"	1 (CE Marked)

PNEUMATIC ACTUATORS: PA-205,PA-280,PA-340,PA-435

ACTUATOR CONNECTIONS: 1/4" NPT-F

CONTROL SIGNAL: 0,4 – 1,2 bar; 0,4 – 2 bar

ELECTRIC ACT.: Consult IS EL20.00 E

MAX.AIR SUPPLY: 3,5 bar

AMBIENT TEMPERATURE: -20°C+70°C