



Pneumatic On/Off angle valves
DN40 and DN15



Pneumatic control valves DN50 and DN15
with electro-pneumatic I/P positioner

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These pneumatic valves are made of borosilicate glass 3.3 and PTFE plug, glass structure is similar to the manual operating valves.



1. Pneumatic On/Off valves

On/Off valves with body in borosilicate glass 3.3 and sealing with bellows and trim (plug/seat) in PTFE. The pneumatic valves comes in different geometric shapes (straight or angle or bottom outlet valves) and in different nominal diameter.

Pneumatic actuator with cylinder in stainless steel AISI 304:

- Single action (spring push to close - Normally closed N.C.)
- Single action (spring push to open - Normally open N.O.)
- Double action (no spring - D.E.)
- Supply pressure 6 bar (min. 4 bar - max. 8 bar)

SPECIFICATIONS

SIZE VALVE	DN15	DN25	DN40	DN50
Size Actuator	Ø 20	Ø 32	Ø 50	Ø 50

Optional

- Double seal in accordance with TA – Luft
- Kit for modify type of actuator (by N.C. – N.O. – Double Acting)

2. Pneumatic control valves

Control valves with pneumatic diaphragm actuator, body in borosilicate glass 3.3 and sealing with bellows and trim (plug/seat) in PTFE. Diaphragm actuators have compressed air applied to a flexible membrane called the diaphragm. These types of actuators are single acting, in that air is only supplied to one side of the diaphragm, and they can be either direct acting (spring to open) or reverse acting (spring to close).

All the parts to contact with the process are in borosilicate glass 3.3 or PTFE.

Pneumatic diaphragm actuator in stainless steel AISI 304:

- Yoke / Plate in stainless steel AISI 304
- Spring to open - spring to close
- Electro-pneumatic I/P positioner SMC Model IP8000, input 4 ÷ 20 mA
- Hazardous area type EEx ib IIC T5 ÷ T6
- Supply pressure 2 bar (max 3 bar)

SPECIFICATIONS

SIZE VALVE	DN25	DN40	DN50
Size Actuator	Ø 140	Ø 205	Ø 205

Optional

- Double seal in accordance with TA – Luft
- Electro-pneumatic I/P Digital positioner SMC Model IP8001, input 4 ÷ 20 mA, with HART transmission mode
- Hazardous area type EEx ia IIC T4
- 3/2 way N.C. solenoid valve 24 VDC, hazardous area type EEx ia IIC T6