



**Valve 2/2 way - angle seat/process valve N.C. -
Flow direction below the seat - pneumatically
operated - with electrical position indicators**

**21IA4T15GC2-IP1
÷
21IA9T50GC2-IP1**

PRESENTATION:

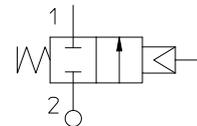
- High flow rate due to the angle seat configuration.
- Anti-water hammer feature with the fluid entry below the seat.
- Electrical operation is easy with the addition of a solenoid pilot.
- Stainless steel body and corrosion resistant actuator.
- The pneumatic actuator can be rotated through 360 degrees.
- Optical position indicator.
- Internal seals are self adjusting for long life.
- Easily convertible from N.C. to N.O. or double acting.
- Universal mounting - any mounting orientation is acceptable.

USE: Automation, Heating, Water, Hot water, Steam (180°C), Aggressive and food fluids

PIPES: G 1/2 - G 2

VALVE FEATURES:

Fluid Temperature - 10°C + 180°C
 Ambient temperature - 10°C + 60°C
 Material Stainless steel AISI series 316
 Seal PTFE
 Packing gland PTFE, FKM



PILOT ACTUATOR FEATURES:

Fluid Dry Air or lubricated, gas and neutral fluids
 Fluid Temperature max + 60°C
 Body Polyamide 66 with 30% glass fibre
 Gaskets NBR
 Actuator Ø 70

| Pipe ISO 228/1 | Code | Ø mm | Kv l/mn | Actuator pilot pressure (bar) | | Differential pressure (bar) | | Max. allowable pressure PS (bar) | Weight Kg |
|-------------------|-----------------|---------|------------|-------------------------------|-----|-----------------------------|-----|-------------------------------------|--------------|
| | | | | min | max | min | max | | |
| G 1/2 | 21IA4T15GC2-IP1 | 15 | 80 | 4 | 10 | 0 | 16 | 40 | 1,4 |
| G 3/4 | 21IA5T20GC2-IP1 | 20 | 150 | | | | 10 | | 1,5 |
| G 1 | 21IA6T25GC2-IP1 | 25 | 190 | | | | 10 | | 1,8 |
| G 1 1/4 | 21IA7T32GC2-IP1 | 32 | 340 | | | | 7 | 2,4 | |
| G 1 1/2 | 21IA8T40GC2-IP1 | 40 | 430 | | | | 4,5 | 2,7 | |
| G 2 | 21IA9T50GC2-IP1 | 50 | 620 | | | | 3 | 3,9 | |



CE Approval

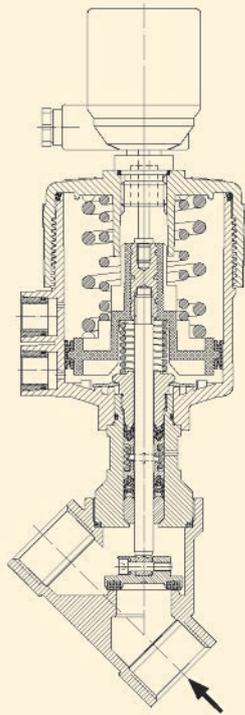
(Pressure Equipment Directive 97/23/CE)

for Valve 21IA7 ÷ 21IA9

Note

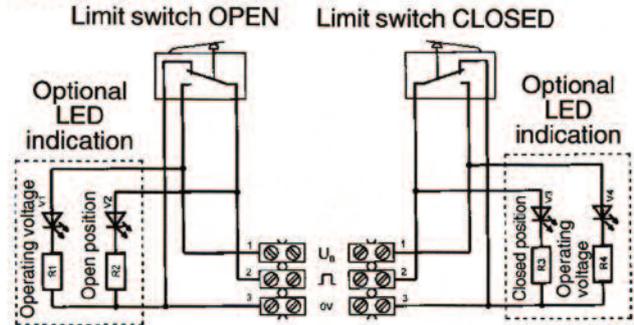
Available on request pilot S.V. 31A2AV20+BDA (see catalogue page)
 Together with male thread nipple male G 1/4 - G 1/4
 Material compatibility with the fluids to be checked.

The "ODE" reserves the right to carry out technical and aesthetic modifications without prior notification.



Connection diagram

U_B = Operating voltage
 = Signal output
 0V = Gnd, 0V



DIMENSIONS:

| Pipe ISO 228/1 | A mm | B mm | C mm | D mm | H mm | L mm | T mm |
|-------------------|---------|---------|---------|---------|---------|---------|---------|
| G 1/2 | 206,8 | SW 27 | 178,7 | 15,4 | 163,3 | 65 | 17 |
| G 3/4 | 211,7 | SW 32 | 188,6 | 21,9 | 166,7 | 75,5 | 19 |
| G 1 | 220,1 | SW 41 | 197,8 | 25,1 | 172,7 | 90 | 21 |
| G 1 1/4 | 235,9 | SW 50 | 212,3 | 28,5 | 183,8 | 110 | 24 |
| G 1 1/2 | 238,9 | SW 55 | 217,0 | 31,0 | 186 | 122 | 25,2 |
| G 2 | 247,8 | SW 70 | 229,7 | 37,5 | 192,2 | 151 | 28,5 |

