



PASVE is a ball-type mounting & service valve for HG and LEV/ PRESS-EL PG/PGS type level and pressure transmitters. PASVE makes it simple to disconnect the transmitter from the process for maintenance and cleaning, without stopping the process or draining the tank.

PASVE is available in a manually operated type or equipped with a pneumatic actuator.

TECHNICAL SPECIFICATIONS

Transmitter connection

G1 female, seat accepts HG and LEV/ PRESS-EL PG/PGS transmitters.

Max. operating pressure/temperature

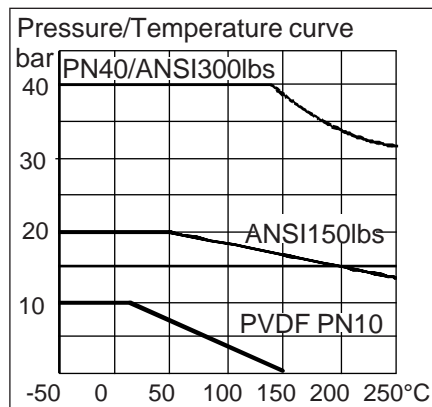
Pressure 40 bar, temperature 250 °C, (see the appended table).
Min. operating temp. -50 °C.
PVDF: See the appended table.

Materials

Wetted parts: AISI316L, for **F** type also Titanium and PVDF. Seals PTFE or PTFE with carbon and graphite filling.

Weight

PASVE GC 4.3 kg, PASVE GP 4.2 kg, PASVE GF 8.4 kg, Actuator 5.5 kg



Selection table

PASVE

Body

- G** Std. (with 3 seals)
- N** Flushing (with 2 seals)

Mounting

- C** On container
- P** On pipe
- F** On flange:

Flange dimensions

DN80	D	2	AISI316L
ANSI 3"/150	A	6	Titanium
ANSI 3"/300	B	P1	PVDF PN10
JIS 10K 80	E		
JIS 40K 80	F		
*)Other flanges	S		*) Contact Satron Instruments

Parts in contact with process medium

Seals

- 0** PTFE + 20C + 5Gr (as standard)
- 1** PTFE 100%

Pt100 Temperature sensor (Only with body code **N**)

- 0** No sensor
- X** With sensor (Measuring range: -50...+200 °C)

Actuator

- MD** No actuator (manually operated)
- AD** Double-action actuator
- AS** Spring-return actuator

Solenoid valve type (for codes **AD** and **AS** only)

- 1** 230 V AC 50 Hz (std.)
- 2** 24 V DC
- 3** 115 V AC 60 Hz

Explosion proof for solenoid valve

- 0** No
- 1** Ex m II T4

Position switches

- 0** None
- X** Equipped with position switches
- E** Position switch NAMUR, DIN 19234

Options

- Z1** Oxygen wash
- Z2** Process side flushing

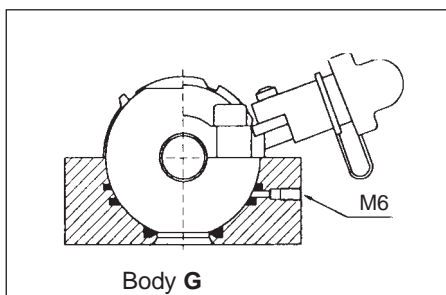
Documentation

- IE** English
- IF** Finnish

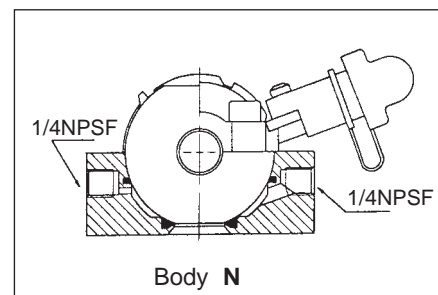
Material certificates

- 0** No material certificate
- MC1** SFS-EN 10204-2.1 (DIN50049-2.1)
- MC2** SFS-EN 10204-2.2 (DIN50049-2.2)
- MC3** SFS-EN 10204-3.1B (DIN50049-3.1B)

Specification example: **PASVE G FD2 0 X AD1 X**

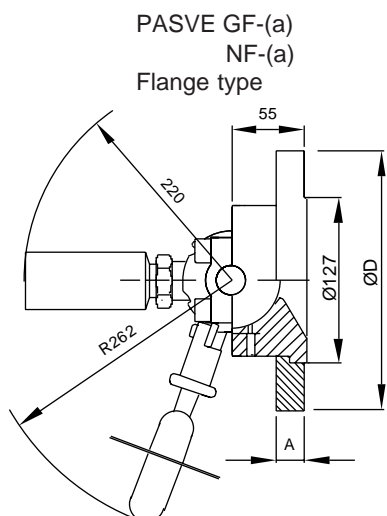


Body **G**

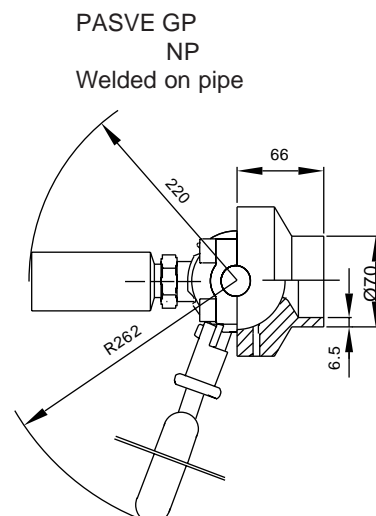
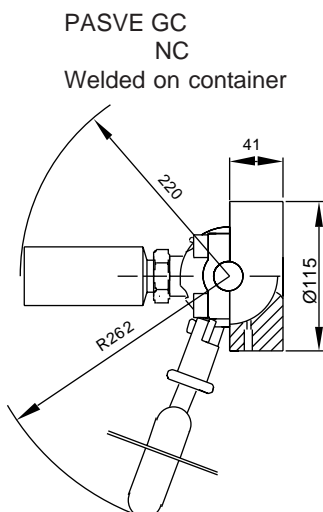


Body **N**

Dimensions (mm)



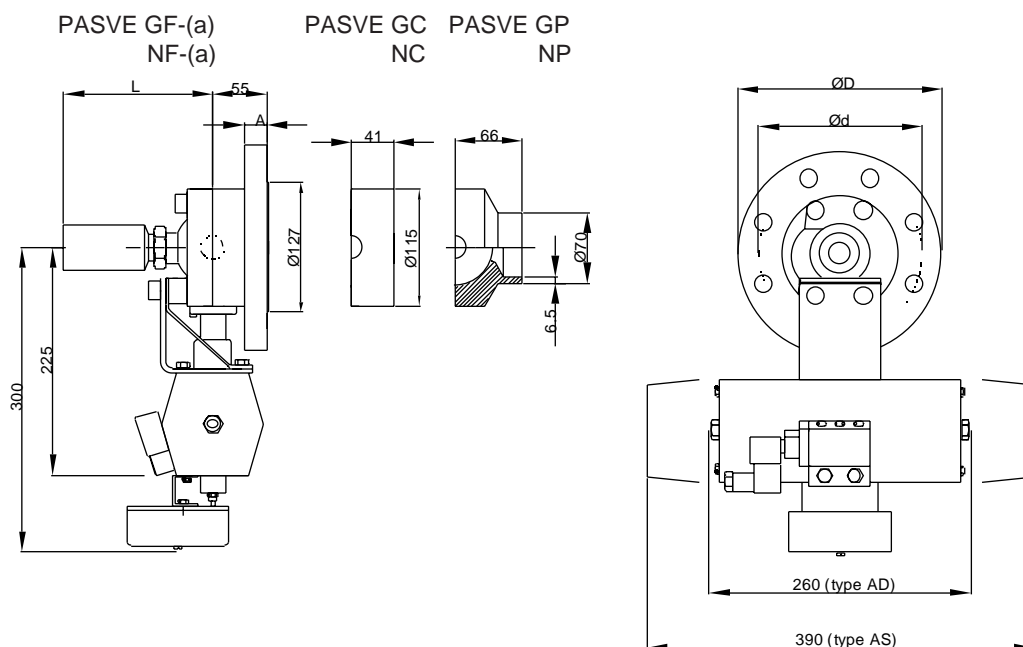
Manually operated



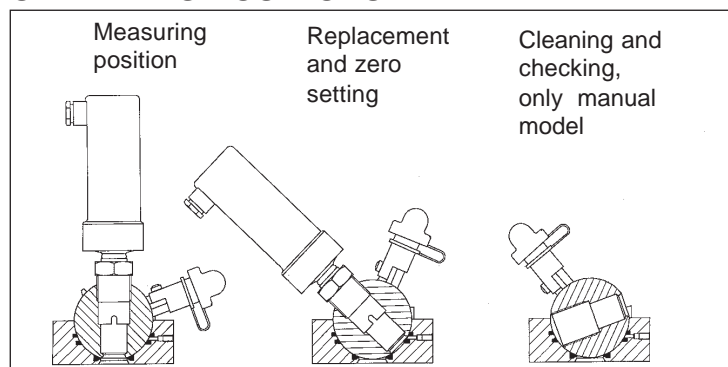
GF-(a)

a	FLANGE	ØD	Ød	A
A	ANSI 3" 150 lb	191	152.4	22
B	ANSI 3" 300 lb	210	168.3	27
D	DN80 PN40	200	160	22
E	JIS 10K 80	185	150	20
F	JIS 40K 80	210	170	30

With pneumatic actuator



OPERATING POSITIONS



SPARES

V534159 Service set
Incl. seals and bearing strips
Seal material: PTFE with carbon and graphite filling

V551344 Service set
Incl. seals and bearing strips
Seal material: pure PTFE

PATENTS

FI 71838	US 4,628,732	FR 0197077
DE P3566577.7	GB 0197077	JP 2112935
KR 69579	NL 0197077	

We reserve the right for technical modifications without prior notice.