



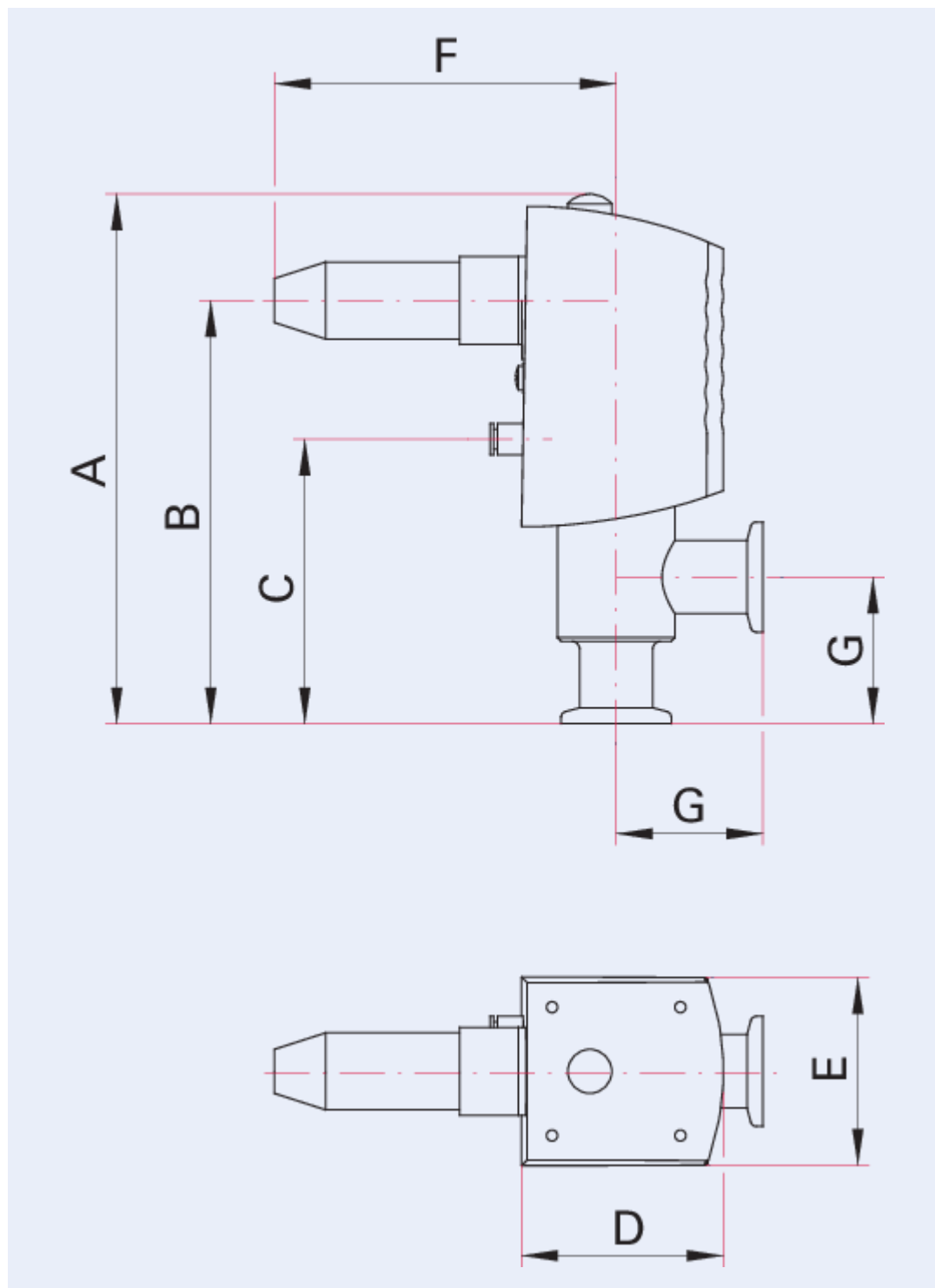
**AVC 025 PA, angle valve,
pneumatic, with PI, without PV**



AVC 025 PA, angle valve, pneumatic, with PI, without PV

- Bellows-sealed
- With visual position indicator
- Normally closed (n. c.)
- Service life: 10 million operating cycles

Dimensions



Technical Data	AVC 025 PA, angle valve, pneumatic, with PI, without PV
Feedthrough	Stainless steel Bellows
Seal	FKM
Position indicator	Included
Housing	Aluminum
Actuator	Pneumatic
Tightness	$1 \cdot 10^{-10}$ Pa m ³ /s $1.33 \cdot 10^{-8}$ Torr l/s $1 \cdot 10^{-8}$ mbar l/s
Conductance value with molecular flow	14 l/s
Operating pressure min.	$1 \cdot 10^{-8}$ hPa $7.5 \cdot 10^{-9}$ Torr $1 \cdot 10^{-8}$ mbar
Pressure max. (absolute)	2,000 hPa 1,500 Torr 2,000 mbar
Bakeout temperature: actuator, pilot valve	50 °C 122 K -223.15 °F
Bakeout temperature: housing	80 °C 176 K -193.2 °F
Differential pressure in closing direction	5,000 hPa 3,750 Torr 5,000 mbar
Differential pressure in opening direction	2,000 hPa 1,500 Torr 2,000 mbar
Weight	0.68 kg 1.5 lb
Compressed air volume	11 cm ³
Operating pressure min.	$1 \cdot 10^{-8}$ hPa
Pressure max. (absolute)	2,000 hPa
Connection flange	DN 25 ISO-KF
Closing/opening time	160 ms/120 ms
Compressed air (overpressure)	4 000 – 8 000 hPa
Differential pressure in closing direction	5,000 hPa
Differential pressure in opening direction	2,000 hPa
Weight	0.68 kg

Order number	AVC 025 PA, angle valve, pneumatic, with PI, without PV
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Accessories	AVC 025 PA, angle valve, pneumatic, with PI, without PV
Set of seals for AVC/DVC valve, DN 25 ISO-KF	PT 130 301 -T
Corrugated bellows, complete for AVC/DVC valve, DN 25 ISO-KF	PT 130 304 -T
Hood, complete for AVC/DVC valve PA/PX, DN 25 ISO-KF	PT 130 307 -T
Cable socket, 6-pin +PE, angled, for valve AVC, DVC, EVB with PI and/or PV	PT 130 309 -T

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Errors and/or changes excepted. - 5/29/2024

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