



VAT Vakuumventile AG
CH-9469 Haag, Schweiz

Product data sheet

Gas dosing valve Series 627, DN16 (ID5/8")
Ordering No. 62724-KE52-000.

1. Description

The VAT Gas dosing valve Series 627 offers a fast and reproducible upstream pressure control.

1.1. Advantages

- Wide control range
- Excellent reproducibility
- Status information and commands via digital interface
- Withstands corrosive gases (stainless steel / FPMStainless steel housing)
- Combined with the 627PM-16GV-000. controller, the valve closes automatically in case of a power failure
- Automatic close in case of a power failure by using the 627PM-16GV-000. Controller

1.2. Applications

- Upstream pressure control for coating processes
- General gas inlet for rough and high vacuum systems



sample picture

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2. Technical data

2.1. Specifications

Description		Data
Vacuum connection		DN 16 ISO-KF
Actuator		Stepper motor
Control	Digital	627PM-16GV-000.
	Analoge	0...10VDC
Ambient temperature		0...+40°C
Power supply		24 VDC / 12VA
Gas flow, controllable	Min.	5.0×10^{-6} mbar l/s
	Max.	1250 mbar l/s
Pressure absolute	Min.	1.0×10^{-8} mbar
	Max.	2.5 bar
Tightness		1.0×10^{-9} mbar l/s
Closing / opening time		3 / 4 s
Housing		stainless steel
Dosing sleeve		PTFE (fluoropolymer)
Seals		FPM (fluorplastomer)
Weight ¹⁾		0.5 kg

1) Connector included

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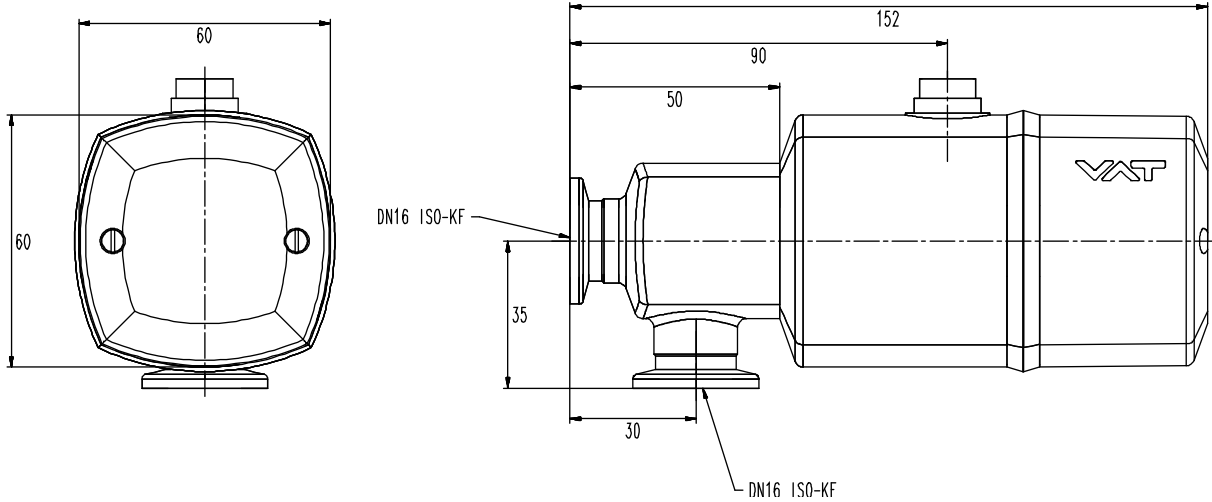


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2.2. Dimensions



2.3. Cables

Length	No.
3m	627CV-99LC-000.
5m	627CV-99LE-000.
10m	627CV-99LJ-000.
15m	627CV-99LK-000.
20m	627CV-99LL-000.
25m	627CV-99LX-AIK.

2.4. Accessoires

Description	No.
Connector	579548

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