

Product data sheet

Pendulum valve, Series 162, DN 250 (ID 10") Ordering No. 16248-PA21

Description

ISO-F 250 Flange

Actuator - pneumatic, single acting, with closing spring (NC)

with position indicator

Feedthrough Rotary feedthrough

Technical data

 $< 1 \cdot 10^{-9} \, \text{mbar ls}^{-1}$ Valve body Leak rate

 $< 1 \cdot 10^{-9} \text{ mbar ls}^{-1}$ - Valve seat

 $1 \cdot 10^{-8}$ mbar to 1.2 bar (abs) Pressure range

Differential pressure on the gate ≤ 1.2 bar Differential pressure at opening ≤ 5 mbar 21 700 ls⁻¹ Conductance (molecular flow)

200 000 (unheated and under clean conditions) Cycles until first service

≤ 120 °C Temperature Valve body ≤ 80 °C (Maximum values: depending Actuator on operating conditions and Position indicator ≤ 80 °C

sealing materials)

 \leq 30 °C h⁻¹ Heating and cooling rate

Material Valve body, gate,

> sealing ring EN AW-5083 (3.3547), EN AW-6082 (3.2315)

Feedthrough AISI 303 (1.4305), AISI 304 (1.4301)

FKM (Viton®) Seal Bonnet - Gate, dynamic

FKM (Viton®) FKM (Viton®) Feedthrough

Mounting position any

Volume of pneumatic actuator 0.35 I / 0.012 ft³

Compressed air 5 - 7 bar / 73 - 102 psi

min. - max. overpressure

Compressed air connection M5 (10-32 UNF suitable)

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Actuation time - closing 4 s

- opening 4 s

Weight 30 kg / 66.1 lbs

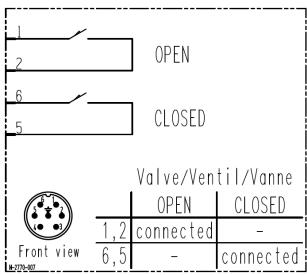
Behavior in case of compressed valve remains closed - Valve closed air pressure drop valve closes Valve open

Behavior in case of power failure - Valve closed depending on customer installation

Valve open depending on customer installation

Position indicator

Type Micro switch Voltage ≤ 50 V AC Current max. ≤ 1.2 A



Wiring diagram

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