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Series 651 | Pendulum valve control system

Optimized for corrosive semiconductor and FPD processes (e. g. etching) and for cleaning processes between deposition processes. In control mode, the valve works virtually particle-free. Maintenance can be done easy and fast .

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Article

Pendulum valve control system
Order nr. 65144-PACG

Spareparts

Seal kit
Order nr. 212579

Seal kit vacuum
Order nr. 206526

Order offer

Order nr. 65144-PACG

Factsheet

Inside diameter (ID) in mm (inch)	160 (6")
Flange	ISO-F (compatible with ISO 1609 Fig.1)
Body material	Aluminum
Actuator	UC-PFO / SPS, RS232 interface / 1 sensor
Power Failure Option (PFO)	Yes
Sensor Power Supply (SPS)	1
Interface	RS232
Number of Sensor(s)	1
Pressure min.	$1 \cdot 10^{-8}$ mbar
Pressure max.	1.2 bar (abs)
Feedthrough	Rotary feedthrough (actuator), Shaft feedthrough (sealing ring)
Sealing technology	SEALRING-System
Sealhead Description	FKM (VITON®)
Sealing materials	FKM (VITON®)
Molecular flow conductance ls-1	5000
Min. controllable conductance	1.6
Max. differential pressure closed position in bar	1.2
Max. pressure on seat side during opening in bar	0.01
Compressed air pressure max. in bar	7
Compressed air pressure min. in bar	4
Closing or opening time in sec.	4 / 4

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Valve body temperature max. in °C	120
Actuator temperature max. in °C	50
Weight in kg / lbs	18 / 39.68
Open or Close time	0.8

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