

## Pneumatically operated 2/2 way angle seat valve ELEMENT for decentralized automation



- High flow rate
- Long service life
- Easy integration of automation units with ELEMENT
- Flow-optimized stainless steel housing with threaded, clamp or weld connection
- Suitable for 10 bar(g) steam

Type 2100 threaded can be combined with...



**Type 8691**

Control Head



**Type 8695**

Control Head



**Type 8690**

Pneumatic Control Unit



**Type 8697**

Pneumatic Control Unit

For process valves with centralized automation see CLASSIC Type 20xx

The angle seat valve, Type 2100, is specially optimized for decentralized process automation and fulfils tough criteria for process environments. The design enables the easy integration of automation units whether they are electrical/optical position feedback, pneumatic control units or an integrated fieldbus interface. Unrivalled cycle life and sealing integrity is guaranteed by the proven self adjusting spindle packing with V-seals.

The fully integrated system has a compact and smooth design, integrated pneumatic lines, IP65/67, NEMA Type 4X protection class and superior chemical resistance.

Technical data	
<b>Orifice</b>	DN15 to DN65
<b>Port connections</b>	Threaded Weld and Clamp
<b>Body material</b>	Casted stainless steel 316L
<b>Nominal pressure</b>	PN25 (Body)
<b>Actuator material</b>	Actuator Cover
	PPS Stainless steel 1.4561 (316Ti)
<b>Sealing material</b>	PTFE
<b>Medium</b>	Water, alcohol, oils, fuels, hydraulic fluids, salt solution, alkali solutions, organic solvents, steam, optional fuel gas (EC Gas Appliances Directive 2009/142/EG)
<b>Viscosity</b>	max. 600 mm <sup>2</sup> /s
<b>Spindle packing</b>	PTFE V-rings with spring compensation
<b>Medium temperature</b>	- 10 to + 185 °C
<b>Ambient temperature</b>	- 10 to + 60 °C (push-in air ports) - 10 to + 100 °C (threaded air ports)
<b>Control medium</b>	Neutral gases, air
<b>Max. pilot pressure</b>	max. 10 bar; actuator size 130 mm, 7 bar
<b>Pilot air ports</b>	Push-in connector for external Ø 6 mm or ¼" tube, thread G ½ (on request)
<b>Installation</b>	As required, preferably with actuator in upright position

### Content

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