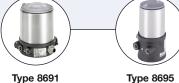




Pneumatically operated 2/2 way angle seat valve ELEMENT for decentralized automation

- · 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





Control Head

Type 8695 Control Head

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.



Type 8690 Pneumatic Control Unit

Type 8697 Pneumatic Control Unit



Technical data				
Orifice	DN15 to DN65			
Port connections Threaded Weld and Clamp	G ½ to G 2 ½, see separate data sheet			
Body material	Casted stainless steel 316L			
Nominal pressure	PN25 (Body)			
Actuator material Actuator Cover	PPS Stainless steel 1.4561 (316Tī)			
Sealing material	PTFE			
Medium	Water, alcohol, oils, fuels, hydraulic fluids, salt solution, alkali solutions, organic solvents, steam, optional fuel gas (EC Gas Appliances Directive 2009/142/EG)			
Viscosity	max. 600 mm ² /s			
Spindle packing	PTFE V-rings with spring compensation			
Medium temperature	- 10 to + 185 °C			
Ambient temperature	- 10 to + 60 °C (push-in air ports) - 10 to + 100 °C (threaded air ports)			
Control medium	Neutral gases, air			
Max. pilot pressure	max. 10 bar; actuator size 130 mm, 7 bar			
Pilot air ports	Push-in connector for external Ø 6 mm or $1\!\!\!/4"$ tube, thread G $1\!\!\!/_8$ (on request)			
Installation	As required, preferably with actuator in upright position			

Content

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the second se	Туре 2100

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