

Control Head

8697 Pneumatic Control Unit for Decentralized Automation

- Compact design
- Automatic end position adjustment
- With ATEX II cat. 3G/D and cat. 2D/G approval (Option)



Technical Data

Material	Body	Cover	Sealing
	PPS	PC	EPDM
Operating Voltage - Initiator	10 to 30V DC - Max. 100 mA per initiator		
Position Feedback	2x Initiator (24V DC), PNP shutter 3-wire with LEDs		
Pilot Air Ports	Threaded ports G½		
Pilot Valve	Non		
Ambient Temperature	-10 to +55°C		
Stroke Range Valve Spindle	2 to 36 mm		
Protection Type	IP65		
Electrical Connection	Cable gland (Cable Ø4 - 8mm), terminals screws 0.14 - 1.5mm ²		
Conformity	EMC directive 2014/30/EU		
Approval	cULus certificate no. E238179		

8691 Control Head for Decentralized Automation

- Compact, robust stainless steel design
- Contact free inductive valve position registration (Teach function)
- Coloured illuminated status display
- Fieldbus AS-Interface, DeviceNet, IO-Link or bûS (Bürkert System Bus)
- With ATEX II cat. 3G/D / IECEx approval (Option)



Technical Data

Material	Body	Cover	Sealing
	PPS, Stainless Steel	PC	EPDM
Power Supply	24V DC		
Position Feedback	Analogue position sensor (contact-free) with teach function; switchpoint (PNP), Position shown by coloured LEDs		
Pilot Air Ports	Threaded ports G½ stainless steel		
Pilot Valve	1x ¾ way (Single Acting), 1x ½ way (Double Acting)		
Ambient Temperature	-10 to +55°C		
Stroke Range Valve Spindle	2.5 to 45 mm		
Protection Type	IP65		
Electrical Connection	Cable gland (Cable Ø5 - 10mm) with connection terminals for cable cross section 0.14 - 1.5mm ²		
Conformity	EMC directive 2014/30/EU		
Approval	cULus certificate no. E238179		
Fieldbus Communication	AS-Interface, DeviceNet, IO-Link, bûS - Bürkert System Bus (based on CANopen)		

Positioner

8692 Digital Electropneumatic Positioner

- Compact, robust stainless steel design
- Easy start-up by automatic X-Tune function
- Contact free position sensor
- PROFIBUS DP-V1, DeviceNet, EtherNet/IP, PROFINET, Modbus TCP or bÜS (Burkert System Bus)
- With ATEX II cat. 3G/D / IECEx approval (Option)



Technical Data

Material	Body	Cover	Sealing
	PPS, Stainless Steel	PC	EPDM
Power Supply	24 V DC		
Setpoint Setting	¼ to 20 mA and 0 to 5/10 V		
Ambient Temperature	-10 to +55°C		
Pilot Air Ports	Threaded ports G½ stainless steel		
Position Detection Module	Contact-free, Wear-free		
Stroke Range Valve Spindle	3 to 45 mm		
Protection Type	IP65		
Electrical Connection	Cable gland (Cable Ø5 - 10mm) with connection terminals for cable cross section 0.14 - 1.5mm ²		
Conformity	EMC directive 2014/30/EU		
Approval	cULUS certificate no. E238179		
Bus Communication	PROFIBUS DP-V1, DeviceNet, EtherNet/IP, PROFINET, Modbus TCP, bÜS - Burkert System Bus (based on CANopen)		

8694 Digital Electropneumatic Positioner

- Compact, robust stainless steel design
- Start-up by automatic Tune function
- Contact free position sensor
- Fieldbus interface AS-Interface (Option)
- With ATEX II cat. 3G/D approval (Option)



Technical Data

Material	Body	Cover	Sealing
	PPS, Stainless Steel	PC	EPDM
Power Supply	24 V DC		
Setpoint Setting	4 to 20 mA		
Ambient Temperature	-10 to +55°C		
Pilot Air Ports	Threaded ports G½ stainless steel		
Position Detection Module	Contact-free, Wear-free		
Stroke Range Valve Spindle	3 to 45 mm		
Protection Type	IP65		
Electrical Connection	Cable gland (Cable Ø5 - 10mm), terminal screws 1.5mm ²		
Conformity	EMC directive 2014/30/EU		
Approval	cULUS certificate no. E238179		
Communication	AS-Interface (Option)		

