

Digital electropneumatic Positioner/Controller for the integrated mounting on process control valves

8692 / 8693

- Integrated PID Control (8693)
- Compact, robust stainless Steel design
- Easy start-up by automatic X-Tune function
- Contact-free position sensor
- Integrated control air routing with spring chamber aeration
- Available as 4-20 mADC/0-10 VDC or Ethernet I/P (with AOP)



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FOR DATA SHEET

Technical Data

Materials	
Body	PPS, stainless steel
Cover	PC
Sealing	EPDM
Power supply	24 V DC \pm 10 % cULus Listed NEC Class 2
Setpoint setting	0/4 to 20 mA and 0 to 5/10 V
Output resistance	0/4 to 20 mA: 180 Ω 0 to 5/10 V: 19 k Ω
Ambient temperature	- 10 to + 55 $^{\circ}$ C
Supply pressure	43.51 to 101.52 PSI

Air input filter	Exchangeable (mesh aperture~0.1 mm)
Actuator system	
Actuator series Type 23xx	Low air flow rate : \varnothing Actuator 70/90 mm High air flow rate: \varnothing Actuator 130 mm
Actuator series Type 27xx	High air flow rate: \varnothing Actuator 175/225 mm
Position detection module	Contact-free, wear-free

Ordering Chart

Control function Pilot valve system	Communication	Electrical connection	Analogue input 0/4 - 20 mA	Analogue feedback 0/4 - 20 mA + 2 binary outputs	Diagnostic function ¹⁾	PID Software	Binary inputs	Pilot air threaded ports	Item no.
8692 Positioner for Burkert series Type 23xx (FA03)									
Low air capacity single-acting (E1) size \varnothing 70/90 mm	24 V DC	cable gland	yes	yes	yes	no	yes	G 1/8	307005
		M12 multipole connector	yes	yes	yes	no	yes	G 1/8	307123
High air capacity single acting (E2) Size \varnothing 130 mm	24 V DC	cable gland	yes	yes	yes	no	yes	G 1/8	307007
		M12 multipole connector	yes	yes	yes	no	yes	G 1/8	307126
	EtherNet/IP		via Bus	via Bus		no		G 1/8	306850
8692 Positioner for 175mm and 225mm Burkert series Type 27xx and 3rd party valves (FA05)									
Low air capacity single-acting (E1) size \varnothing 70-90 mm	24 V DC	cable gland	yes	yes	yes	no	yes	G 1/8	306918
		M12 multipole connector	yes	yes	yes	no	yes	G 1/8	307030
High air capacity single acting (E2) size \varnothing 130 mm	24 V DC	cable gland	yes	yes	yes	no	yes	G 1/8	306927
		M12 multipole connector	yes	yes	yes	no	yes	G 1/8	307043
	EtherNet/IP		via Bus	via Bus		no		G 1/8	313266
8693 Controller for Burkert series Type 23xx (FA03)									
Low air capacity single-acting (E1) size \varnothing 70/90 mm	24 V DC	cable gland	yes	yes	yes	yes	yes	G 1/8	306965
		M12 multipole connector	yes	yes	yes	yes	yes	G 1/8	307105
High air capacity single acting (E2) Size \varnothing 130 mm	24 V DC	cable gland	yes	yes	yes	yes	yes	G 1/8	306973
		M12 multipole connector	yes	yes	yes	yes	yes	G 1/8	307113
	EtherNet/IP		via Bus	via Bus		yes		G 1/8	306868
8693 Controller for 175mm and 225mm Burkert series Type 27xx and 3rd party valves (FA05)									
Low air capacity single-acting (E1) size \varnothing 70/90 mm	24 V DC	cable gland	yes	yes	yes	yes	yes	G 1/8	306942
		M12 multipole connector	yes	yes	yes	yes	yes	G 1/8	307058
High air capacity single acting (E2) size \varnothing 130 mm	24 V DC	cable gland	yes	yes	yes	yes	yes	G 1/8	306952
		M12 multipole connector	yes	yes	yes	yes	yes	G 1/8	307070
	EtherNet/IP		via Bus	via Bus		yes		G 1/8	313276