

# Digital electropneumatic Positioner for the integrated mounting on process control valves

8692

- 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
- PROFIBUS DP-V1, DeviceNet, EtherNet/IP, PROFINET, Modbus TCP or bÜS (Bürkert System Bus)



## DisplayON Cover

### Large backlit graphical display



## Technical Data

<b>Materials</b>	
Body	PPS, stainless steel
Cover	PC
Sealing	EPDM
<b>Power supply</b>	24 V DC ± 10 % cULus Listed NEC Class 2
<b>Setpoint setting</b>	0/4 to 20 mA and 0 to 5/10 V
<b>Output resistance</b>	0/4 to 20 mA: 180 Ω 0 to 5/10 V: 19 k Ω
<b>Ambient temperature</b>	- 10 to + 55 °C
<b>Supply pressure</b>	43.51 to 101.52 PSI
<b>Air input filter</b>	Exchangeable (mesh aperture~0.1 mm)
<b>Actuator system</b>	
Actuator series Type 23xx	Low air flow rate : Ø Actuator 70/90 mm High air flow rate: Ø Actuator 130 mm
Actuator series Type 27xx	High air flow rate: Ø Actuator 175/225 mm
<b>Position detection module</b>	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 <sup>1)</sup>	Binary inputs	Pilot air threaded ports	Item no.
<b>For Burkert series Type 23xx (FA03)</b>								
Low air capacity single-acting (E1) size Ø 70/90 mm	24 V DC	cable gland	Yes	Yes	Yes	Yes	G 1/8	307 005
		M12 multipole connector	Yes	Yes	Yes	Yes	G 1/8	307 123
	EtherNet/IP	via Bus	via Bus	Yes	Yes	G 1/8	306 849	
High air capacity single acting (E2) Size Ø 130 mm	24 V DC	cable gland	Yes	Yes	Yes	Yes	G 1/8	307 007
		M12 multipole connector	Yes	Yes	Yes	Yes	G 1/8	307 126
	EtherNet/IP	via Bus	via Bus			G 1/8	306 850	
<b>For Burkert series Type 27xx and 3rd party valves (FA05)</b>								
Low air capacity single-acting (E1) size Ø 70-90 mm	24 V DC	cable gland	Yes	Yes	Yes	Yes	G 1/8	306 918
		M12 multipole connector	Yes	Yes	Yes	Yes	G 1/8	307 030
	EtherNet/IP	via Bus	via Bus	Yes	Yes	G 1/8	382 296	
High air capacity single acting (E2) size Ø 130 mm	24 V DC	cable gland	Yes	Yes	Yes	Yes	G 1/8	307 007
		M12 multipole connector	Yes	Yes	Yes	Yes	G 1/8	307 043
	EtherNet/IP	via Bus	via Bus			G 1/8	313 266	