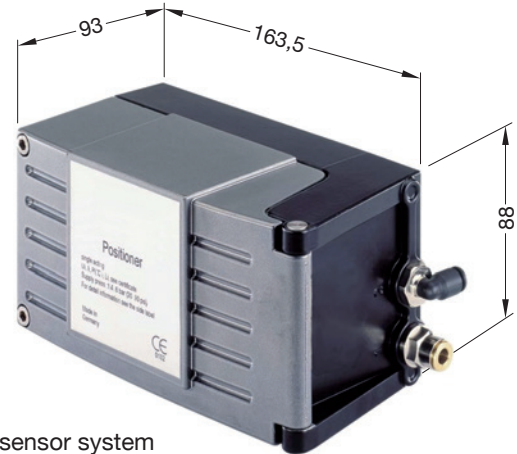


## Electropneumatic Positioners ECOSIDE 024.16.402

for process valves big stroke range and with remote control installation

### Main Features:

- Compact and robust metal housing
- Simple start up using tube function
- Pneumatic positioning for single and double-acting actuators
- High air capacity
- Close tight function
- ATEX approval II 2 (1) G Ex ia IIC T6 Gb



Assembly exclusively with position sensor system

Type	024.16.402
Body; Sealing	Aluminium, hard anodized and plastic coated
Ambient temperature	-25 ... +60 °C <sup>1)</sup>
Control medium	neutral gases, air according DIN ISO 8573-1
Pilot air ports	G 1/4
Supply pressure	1.4 - 6 bar <sup>3)</sup>
Air flow rate	55 l/min at 1.4 bar <sup>3)</sup> 170 l/min at 6 bar <sup>3)</sup> for pressurizing and venting
Intrinsic air consumption	0 l/min
Power supply	via setpoint input 4-20mA
Burden voltage	< 12 VDC
Burden resistance	590 Ω at 20mA and 11.8 VDC
Electrical connection	2 x M20 x 1.5-bushing Clamping range 6 ... 12 mm Screw terminals for 0.14 ... 1.5 mm <sup>2)</sup>
Remote version	available (only with the approved sensor)
Setting point; input resistance	4 ... 20 mA; 590 Ω
Binary Input	mechanical NC/ NO contact
Positioning range	Linear actuator: 3... 130 mm Part-turn actuator: 0... 120 °
Operation	3 operating keys
Visualisation	Plain-text display (internal)
Protection class	IP65 acc. to EN 60529
Type of ignition protection	II 2 (1) G Ex ia IIC T6 Gb acc. to EN 60079-0:2012 and EN 60079-11:2012
Conformity	EMC 2004/108/EC
Approvals	ATEX EEx ia II C T6
Certification	PTB 04 ATEX 2027 / IECEx PTB 04.0016
Optional	Analogue feedback 4 - 20 mA Process value input (4... 20mA) Use in the Ex area (Zone 1)
Assembly	Assembly set required

1) Up to +65 °C temperature class T4/T5 or without EEx i approval.

2) May be adapted to actuator size with throttle screw.

3) Pressure data in bar; overpressure to ambient.