

Pinch Control Valve for endless tube 7077

with integrated positioner, DN 6 up to DN 14


Pneumatically operated control valves for applications in chemistry, food industry and pharmaceuticals.

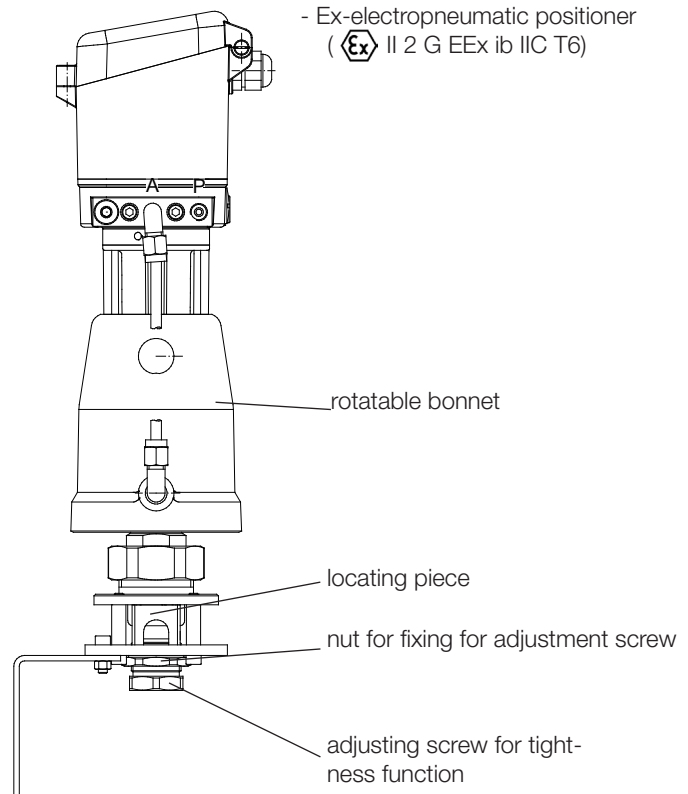
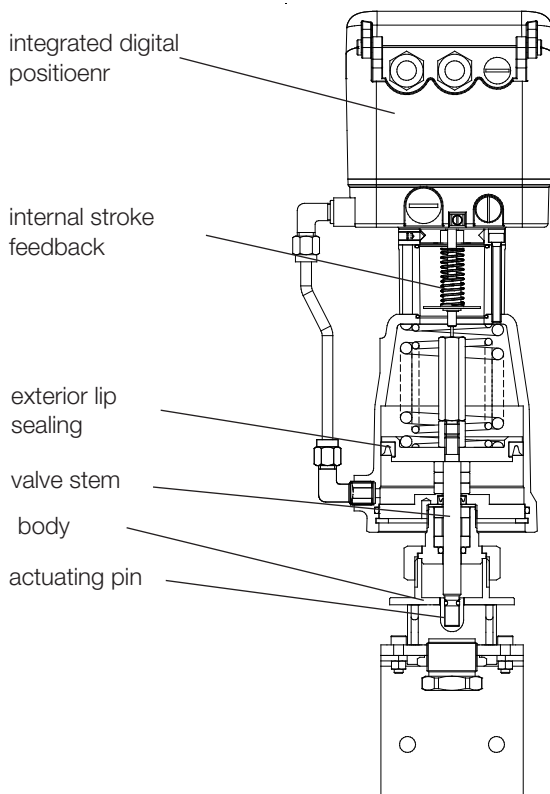
- Integrated positioner
- Fast and simple change of tube
- Cavity free can be sterilized using steam or hot gas
- No fluid contact to the valve
- working pressure up to 4 bar



Options:

e.g.:

- Optical position indicator
- External I/P-converter
Type 8045
- Ex-electropneumatic positioner
( II 2 G EEx ib IIC T6)



Positioner

For technical information of our positioners please refer to the corresponding data sheets.

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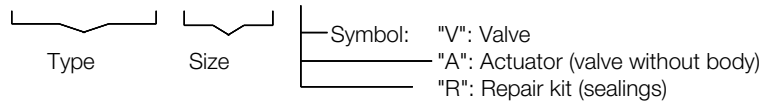


Technical Information Valve

Nominal size	DN 6 - 10 - 14
Tube (outer diameter)	10 - 14 - 18 mm
3 interchangeable fixing pieces	10 - 14 - 18 mm
Adjustment of stroke	complete stroke 17mm (Standard) 4, 5, 6, 7, 9, 11, 13, 15 mm (with software adjustable)
Body material	stainless steel 1.4301
Working pressure	0 - 4 bar according to the quality of the tube, the shore hardness and the thickness of the tube material
Tube types	all types of elastomer up to shore hardness 65°A
Pilot pressure	3 - 6 bar
Thread for pilot connection	G 1/8"
Fluid temperature	-30°C up to +170°C (according to the quality of the tube)
Weight	4,4 kg

Ordering Number System

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1 - 5 : Please quote all 6 sections.
6 - 12 : Quote only if required.

1. Body type		2. Material of the lower part		3. Material of the actuator		4. Positioner		5. Actuator		6. Springs	
1	pinch control valve for endless tubes Type 7077	A	stainless steel 1.4301	1	brass, chrome plated	-	without	1	piston 80 mm	-	without significance
				2	stainless steel 1.4408	6	p/p positioner			1	spring to open (only with digital positioner)
				3	plastic	7	i/p positioner				
						8	i/p positioner with plug connection M12x1				
						9	i/p positioner ex-proof (II 2 G Eex ib IIC T6), plug connection M12x1				
						C	digital positioner, type 8049 4 wire				
						R	digital positioner type 8049 2 wire				
						T	digital positioner type 8049 AS-i version				
						W	digital positioner type 8049 2-wire, ex-version				
7. Adjustment of the stroke		8. Fittings		9. Accessories		10. Special versions		11. Adjustment of the positioner		12. Adjustment of the supply air	
-	complete stroke (17 mm)	-	without	-	without	S	State, if further sections are quoted	-	standard	-	standard
4	adjustment 4 mm	1	fittings and tubing made from PA	6	pilot-valve DN2 230V AC			0	0 - 20 mA	1	adjustment of the positioner with 5 bar supply air
5	adjustment 5 mm	2	fittings and tubing made of brass	7	pilot-valve DN2 24V DC			3	inverse function 20 - 4 mA	G	positioner with low air consumption
6	adjustment 6 mm		nickel-plate	C	pilot-valve DN2 24V/50Hz			7	0 - 10 V	H	positioner with high air consumption
7	adjustment 7 mm	3	fittings and tubing made of stainless steel 1.4571								
9	adjustment 9 mm										
A	adjustment 11 mm										
B	adjustment 13 mm										
C	adjustment 15 mm										

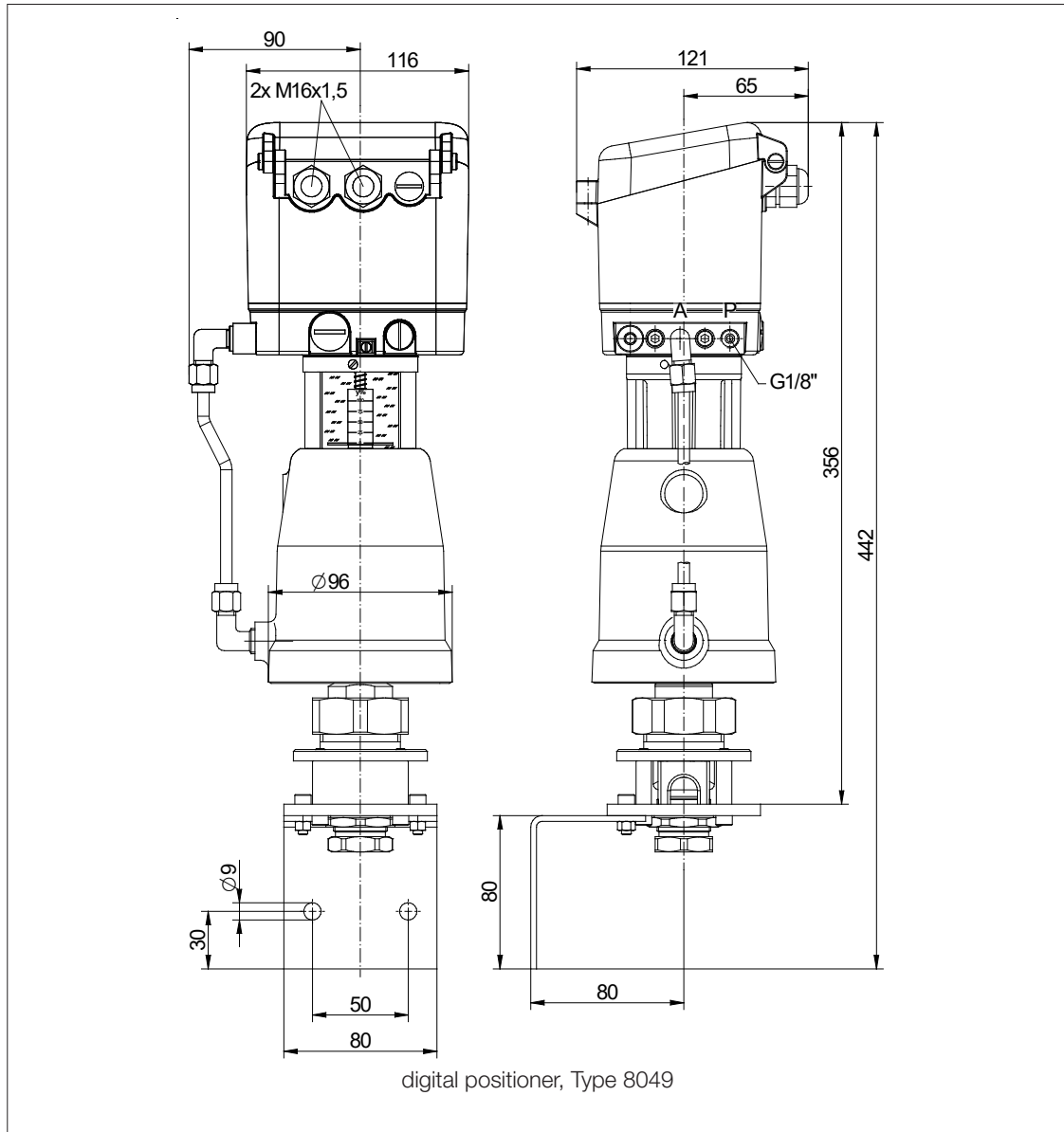
Ordering Example:

7077/014V91A2C1--3

Pinch control valve for endless tubes, DN 14, material of the lower part 1.4301, actuator Ø 80 mm stainless steel 1.4408, digital positioner 4 wire, adjustment of the stroke 17mm, fittings and tubing made of stainless steel 1.4571

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Dimensions and Weights



Weight: 4,7 kg