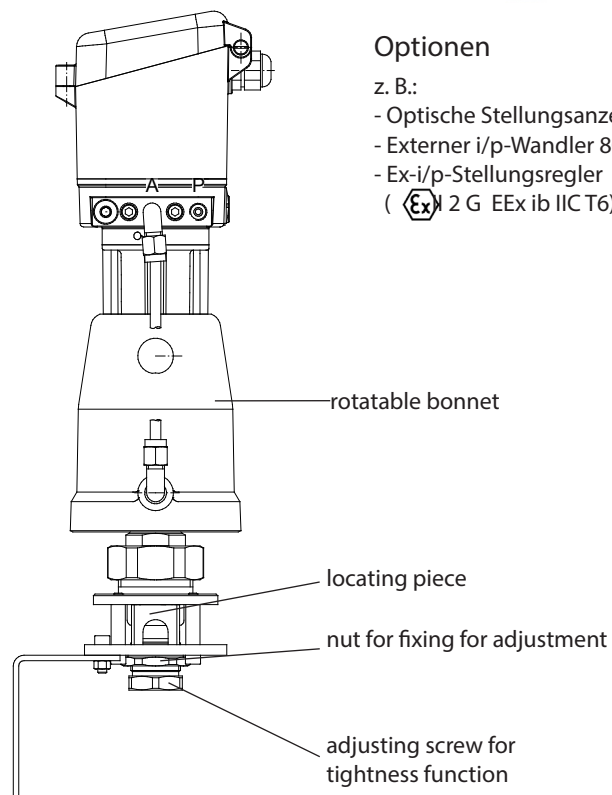
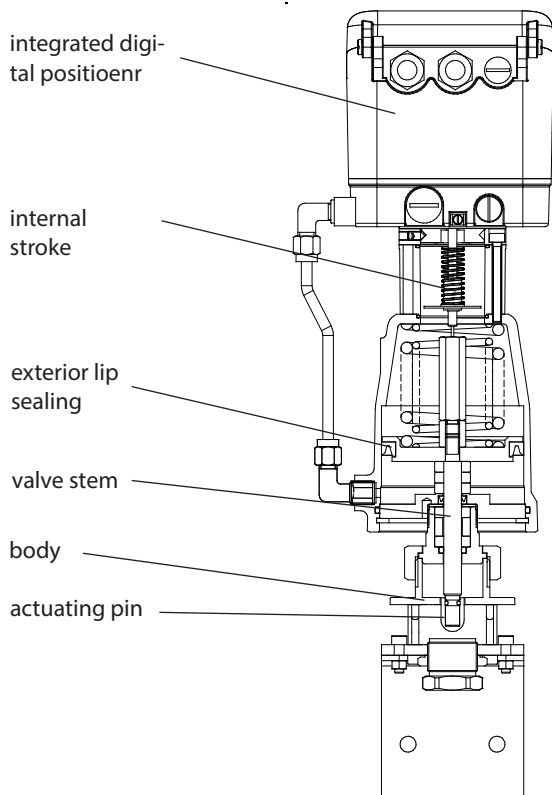


Pinch Control Valve for endless tubes 7077

with integrated positioner 1/8" up to 1/2"

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

- Integrated positioner
- Fast and simple change of tube
- Without cavities and back tapers
- No fluid contact to the valve
- working pressure up to 58 psi



Optionen

- z. B.:
- Optische Stellungenanzeige
 - Externer i/p-Wandler 8045
 - Ex-i/p-Stellungsregler (Ex) 2 G EEx ib IIC T6

Positioner

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

Pinch Control Valve for endless tubes 7077



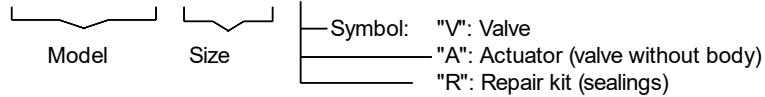
with integrated positioner

Technical Information Valve

Nominal size	1/8" 3/8", 1/2"
Tube (outer diameter)	3/8" - 1/2" - 5/8"
3 interchangeable fixing pieces	3/8" - 1/2" - 5/8"
Adjustment of stroke	complete stroke 0.67 inch (standard) 0.16, 0.20, 0.24, 0.28, 0.35, 0.43, 0.51, 0.59 inch (with software adjustable)
Body material	stainless steel 304
Working pressure	0 - 58 psi 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	44 - 87 psi
Thread for pilot connection	G 1/8"
Fluid temperature	-22°F up to +338°F (according to the quality of the tube)
Ambient temperature*	digital positioner +14°F up to +167°F analog positioner +5°F up to +140°F
Weight	9.7 lbs
* Please consider the limitation of use of the positioner!	

Ordering Number System

7	0	7	7	/				V	9							S	
---	---	---	---	---	--	--	--	---	---	--	--	--	--	--	--	---	--



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

1.	Body type	2.	Material of the	3.	Material of the actuator	4.	Positioner	5.	Actuator	6.	Springs
1	pinch control valve Type 7077	A	lower part stainless steel 304	1	brass, chrome plated	-	without	8	Kolben 80 mm piston 3" (NPT)	-	without significance
				2	stainless steel 316L	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				
						K	digital positioner type 8049 ExPro-FM with base plate in stainless steel; Ta = +14°F to +167°F; IS Class I Division 1, Groups A, B, C, D; T4 Entity; Class I Zone 0 AEx ia IIC T4 Entity, IP65				
						Y	digital positioner type 8049 ExPro-FM with base plate in stainless steel; Ta = +14°F to +167°F; NI Class I Division 2, Groups A, B, C, D; T4 NIFW, IP65				
7.	Adjustment of the stroke	8.	Fittings	9.	Accessories	10.	Special versions	11.	Adjustment of the positioner standard	12.	Adjustment of the supply air standard
-	complete stroke 0.67 inch)	-	without	-	without	S	State, if further sections are quoted	-	0 - 20 mA	-	adjustment of the positioner with
4	adjustment 0.16	1	fittings and tubing made from PA	6	pilot-valve 1/24" 230V AC			0	inverse function	1	73 psi supply air
5	adjustment 0.20	2	fittings and tubing made of brass	7	pilot-valve 1/24" 24V DC			3	20 - 4 mA	G	positioner with a low air consump- tion
6	adjustment 0.24		nickel-plate	C	pilot-valve 1/24" 24V/50Hz			7	0 - 10 V	H	positioner with a high air consump- tion
7	adjustment 0.28	3	fittings and tubing made of								
9	adjustment 0.35		stainless steel								
A	adjustment 0.43		316Ti								
B	adjustment 0.51										
C	adjustment 0.59										

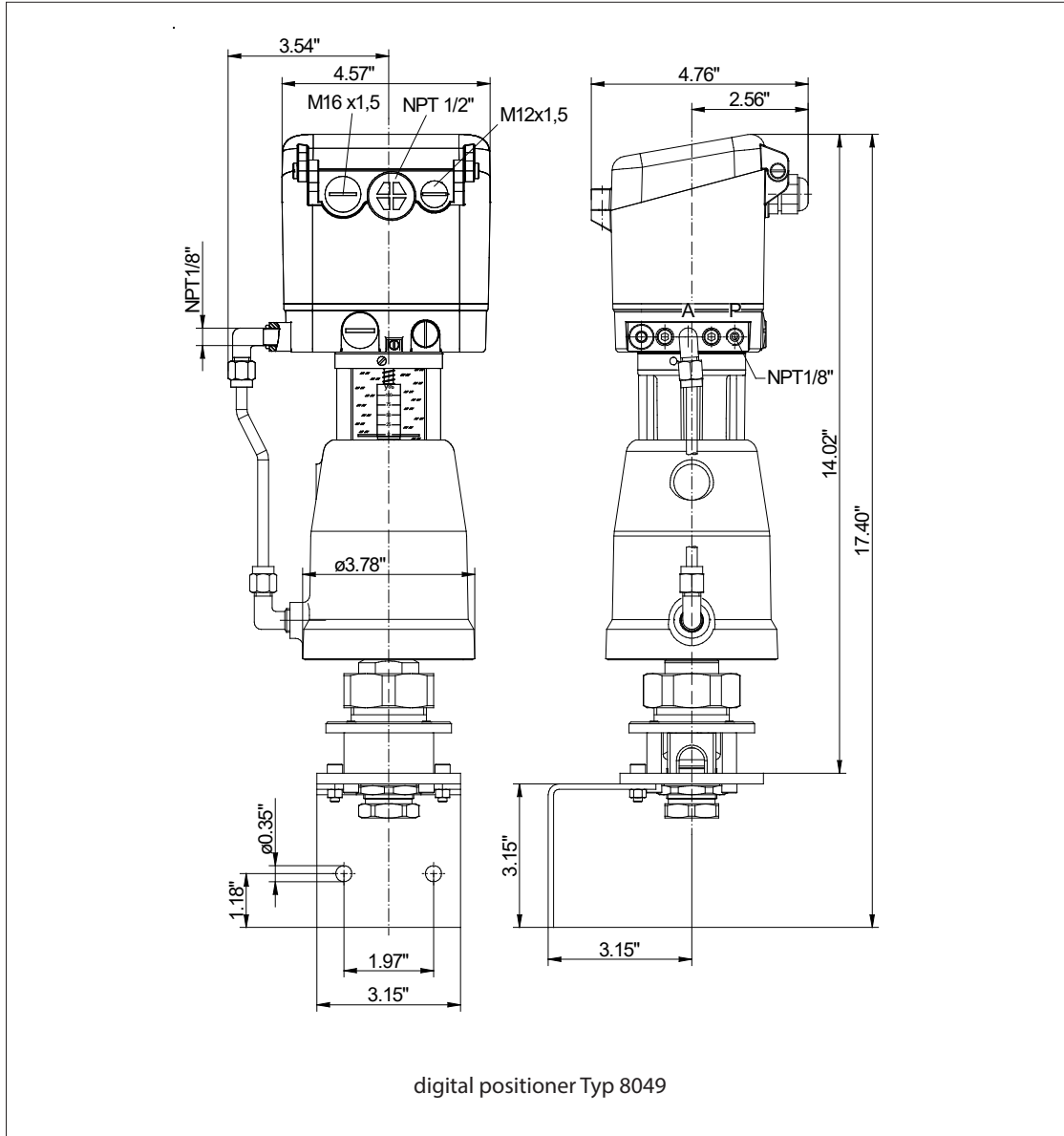
Ordering Example: 7077/014V91A2C8--3

Pinch control valve for endless tubes , DN 14, Material of the lower part stainless steel 304, actuator Ø 80 mm (NPT) stainless steel 316 L, digital positioner 4 wire, adjustment of the stroke 0.67 inch, fittings and tubing made of stainless steel 316 Ti

Pinch Control Valve for endless tubes 7077

with integrated positioner

Dimensions and Weights



Weight: 10,4 lbs