



Clean and compact

Type 3379 Pneumatic Actuator
with Type 3724 Positioner

- Smooth stainless steel surfaces for easy cleaning
- All moving parts located inside the housing to improve safety
- Visual indicator for the valve position
- Internal air routing to prevent air or water from entering the device

Type 3724 Positioner

- Proven SAMSON positioner technology
- Modified PID controller for high control accuracy
- Easy, intuitive operation (pushbuttons and LCD)
- Automatic initialization



Type 3379 Pneumatic Actuator							
Piston diameter	mm	63			90		
Effective area	cm ²	31			63		
Rated travel	mm	15			15		
Permissible ambient temperature	°C	0 to +60			0 to +60		
Max. supply pressure	bar	8.0			8.0		
Fail-safe action: actuator stem extends							
Nominal range	bar	2.3 to 3.7		2.5 to 4.0		3.3 to 5.6	
Control pressure	bar	4	4	4.5	4.5	5.5	5.5
Travel	mm	15	7.5	15	7.5	15	7.5
Actuating force	N	720	930	1590	2030	2090	2670
Fail-safe action: actuator stem retracts							
Nominal range	bar	2.3 to 3.7		1.0 to 1.9		1.0 to 1.9	
Control pressure	bar	6	6	6	6	4	4
Travel	mm	15	7.5	15	7.5	15	7.5
Actuating force	N	720	930	2580	2830	1320	1570

Type 3724 Positioner	
Travel	4 to 16 mm, adjustable in steps of 0.5 mm
Reference variable w	4 to 20 mA signal range
Supply air	1.4 to 7 bar (20 to 105 psi)
Permissible ambient temperature	-20 to +80 °C
Electromagnetic compatibility	Complying with EN 61000-6-2, EN 61000-6-3 and NAMUR Recommendation NE 21
Degree of protection	In combination with Type 3379: IP 65 (in preparation)
Two software limit switches	Reverse polarity protection, galvanic isolation

Materials	
Housing and cover	Stainless steel
Dome (visual indicator)	Polycarbonate