



PROKontrol standard pneumatic actuators are maintenance-free dual-piston quarterturn actuators in rack and pinion design and deliver a high torque output whilst being compact and of weight-saving design.

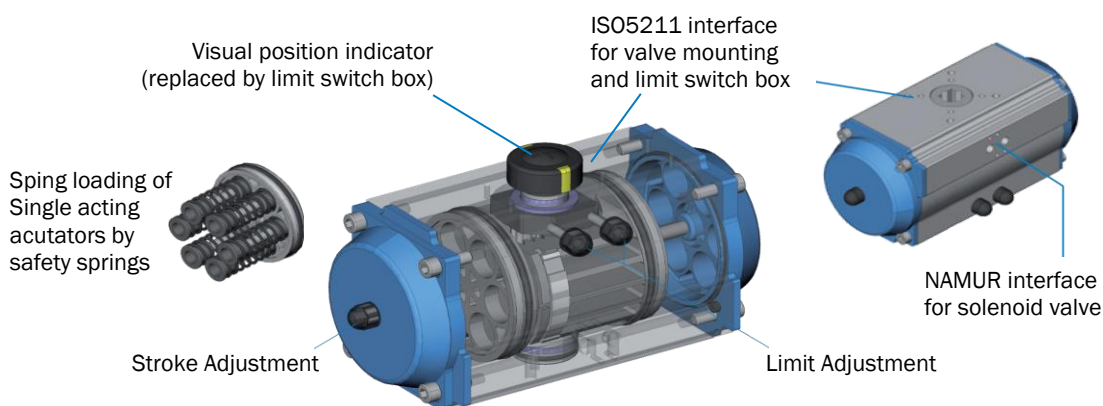
These robust actuators are reliable in operation and versatile in application, suitable also for demanding environments. As such the PROKontrol pneumatic actuators are characterized by their high reliability and a long services life.

Specifications

Actuator type (PROKontrol Model)	single acting (PSA) / double acting (PDA)
Mounting	parallel / perpendicular to valve
Rotation angle	90° adjustable +/- 5°
Torque range	60...797 Nm ^{*)}
Control medium	dry, filtered air 6 Bar
- particulate content and humidity	DIN ISO 8573-1 Class 4
Control air connection / pilot valve interface	G 1/4" / NAMUR
Controller / limitswitch box interface	ISO 5211
Valve mounting interface	ISO 5211
Operating temperature	-20° ... +80° C
*) depending on actuator type and size	

Materials

Housing and covers	Aluminium alloy
Pistons	Aluminium alloy
Pinion	tempered steel
O-rings and plugs	nitrile butadiene rubber (NBR)
Washers, guides and seal rings	Polyoxymethylen (POM)
Screws, circlips and pressure rings	stainless steel 304 equivalent
Visual position indicator	Acrylonitrile butadiene styrene (ABS)
Coating	Housing and covers powder coated



Other actuators are available on request. PROKontrol automation components are typically available on stock at PROKOSCH. Other customer specific automation components are purchased on demand.



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