

PICO

The Bridge between Industrial
and Building Services Engineering



PICO

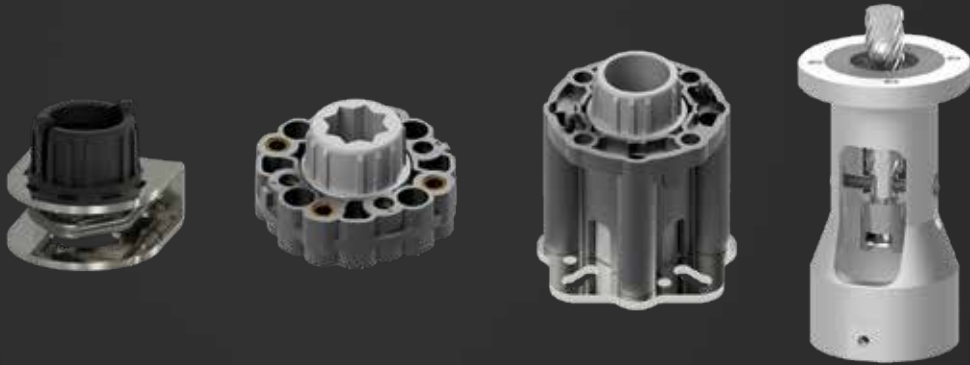
Product Catalogue

www.stellantriebe.de

PICO



Adaptors



Industrial valves

FIELDS OF APPLICATION

The choice is yours



Animal barn automation



Greenhouse technology



Climate control & ventilation plants



Boiler plants



Painting lines



Multi leaf dampers



Industrial furnaces



Industrial valves



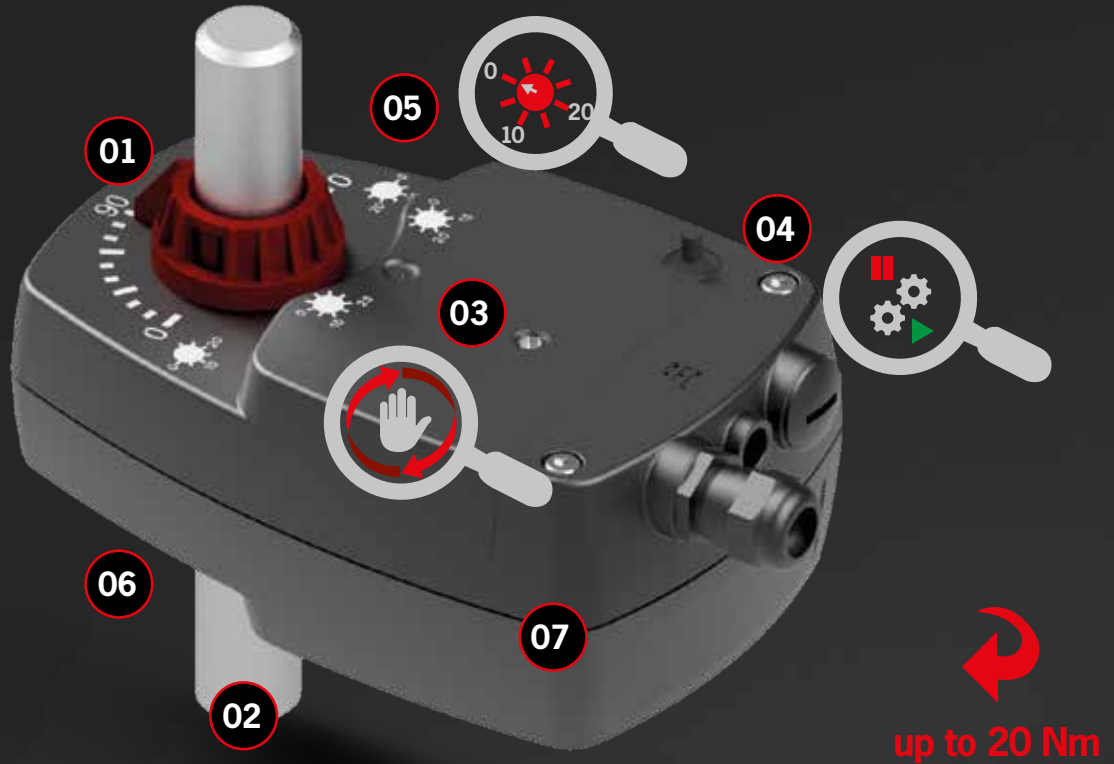
Building management systems

PICO builds bridges between industrial and building technology

The new ARIS **PICO** project actuator is a fully developed modular system for a large field of applications, making the actuator the perfect choice for many applications. The great variety of possible combinations enables the customer to adapt the actuator cost-effectively to any particular application. Furthermore, similar to the actuator series Nano and Tensor, there are available many special features for modular installation in actuators, expanding the functionality of the **PICO**. As project actuator, **PICO** is available in customized versions for particular requirements or ex stock in Standard configuration.

OVERVIEW

of special features



01
Mechanical
position indicator

02
Shaft feedthrough

03
Manual setting shaft
(optional)

04
Gear disengagement
(optional)

05
Adjustable auxiliary
switch &
rotation angle limit
(optional)

06
Customized
adaption

07
Robust, glass fiber
reinforced housing

MODULAR DESIGN

For optimal adaption to your application



Auxiliary switch

To retrieve max. 2 definable additional items (optional)



Rotation angle limit

to limit the rotation angle of the actuator (optional)



BLDC-Motor

for reliable operation



Gear disengagement

Disengaging motor & transmission



Potentiometer (optional)

Mechanical end stop

by limit stop in gear plate (optional)



Manual adjustment

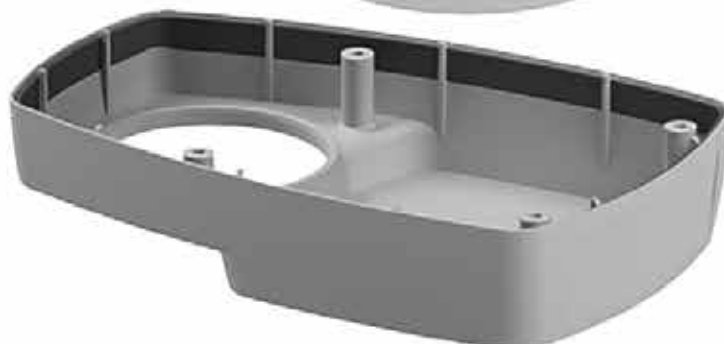
for manual position adjustment (optional)

Hybrid gear

for noise-damped and low-vibration operation

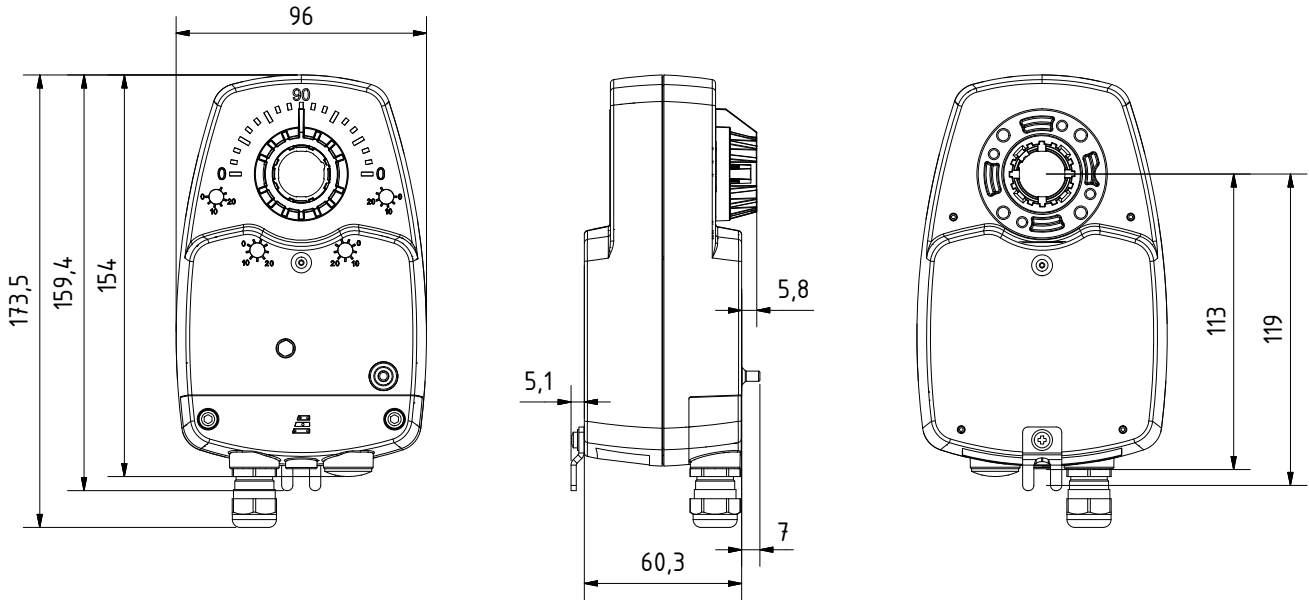
Spring return

Safety function in case of de-energized actuator



TECHNICAL DATA

PICO



TECHNICAL DATA PICO

Protection class	IP 65
Ambient temperature	-30° C...+50° C
Body	Glass fiber reinforced (GFR) polycarbonate
Gear	Hybrid gear with lifetime lubrication
Position indicator	Mechanical
Supply voltage	96-265V AC oder 24V DC selectable
Extra switches	Optional
Potentiometer	Mechanical (max. 90° resolution, optional)
Rotation angle	90°
Connection	Terminal connection or connection cable, selectable
Adaption	Optionally selectable
Maintenance	Maintenance free
Activation	Selectable: 2-point 3-point 0-10V (2-10V) as input & output 0-20mA (4-20mA) as input & output

Torque (Nm)	5	10	15	20
Actuating time (s/90°)	15	30	45	60

PICO

Optional adaptors



Spacer mounting kit Z10

- > Square drive SW14 for mounting on F03/F04 flanges
- > For 14 mm inner square/star
- > Smaller sizes - see reducers



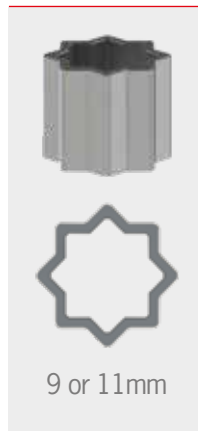
Spacer mounting kit Z20

- > For mounting on F03/F04/F05 flanges
- > For 14 mm inner square/star
- > Smaller sizes - see reducers



Clamping adapter

- > Adapter for use with shaft feedthrough
- > Clamping area \varnothing 8...20 mm
- > Wrench size SW 8...14 mm



Reducers

- > For positive-locking connection with 9 or 11 mm inner square/star




Valve adaptor

- > For connection of valves

DISCLAIMER

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Your specialist for up-to-date
drive and control technology
for more than 40 years

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