

Description

Compact actuator for regulation and control of valves.
With a preset working angle 90°.
Construction according ISO5211/DIN3337.

Equipped in standard with:

- Emergency override with handwheel
- 2 extra potential free limit switches
- Electronic torque limiter
- Internal heater
- Coloured status-LED
- Dome position indicator
- Freely adjustable cams (max. 340°)
- Standard 2 point-control, 3 point-regulation

Technical data

Voltage range: 24 - 240 V AC/DC (50/60 Hz)

Current consumption: 0,1 A - 1,8 A

Operation time/90°: 14 s ± 10%

Heater: 3,5 W

Break torque: 60 Nm

Operation torque: 55 Nm

Duty rating [ED]: 75%

Protection class: IP67

Temperature range: -20 °C - 70 °C

Flange: F05/F07

Intake: ⌀ 14 mm, 17 mm (Standard)

○ 11x16,5 mm, 17x22,5 mm

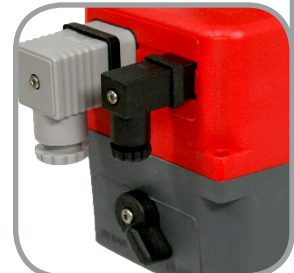
Connector plugs: EN175301-803 Form A

Industrial connector form C (9,4mm)

Housing: Polyamid (PA6)

Limit switches: SPST 5 A 125 V AC / 3 A 250 V AC

Weight: 2,4 kg



Options

BSR (battery safety pack)

In case of a power failure, the actuator turns into a configured safety position (open or close).

Variations: **NC, NO**

-Combination possible with DPS, 3 position, potentiometer, permanent phase-

DPS (Digital positioning system)

The position of the actuator is controlled by an input signal and provides its actual position as an output signal.

Following signals are available: **0-10V**, 1-10V, 0-20mA, **4-20mA**

3 position

The actuator has the possibility to drive to an additional middle position.

Standard: **0°-90°-180°**

Permanet phase wiring

The actuator has a permanent power connection and automatically turns to a predetermined position.

If the second contact is powered, it moves into the opposite position.

Variations: **NC, NO**

Potentiometer

A potentiometer inside of the actuator provides its actual position as an ohmic value.

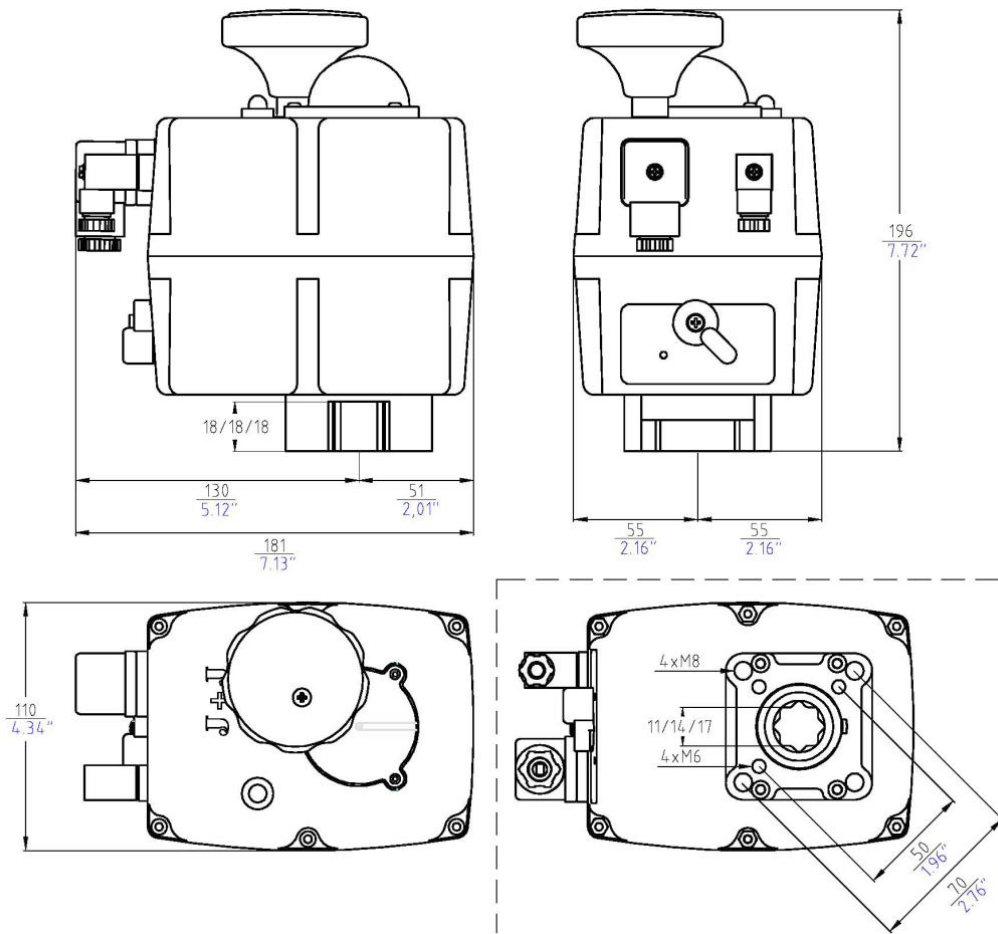
Variations: **1kΩ, 5kΩ, 10kΩ**

B Serie (12V Version)

The actuator is controlled by a voltage of 12V AC/DC.

-Combination possible with all options-

Technical drawing



Wiring

