

Actuator range PROFOX with variable speed and integral controls**Part-turn actuators Type PF-Q 80 - PF-Q 600****Wiring diagram: TPCP00A1A1A100000**

- Part-turn actuator with integral controls for 90° valves
- Operating mode: Class A and B for open-close duty, Class C for modulating duty according to EN15714-2
- Actuator system with integrated spring applied brake
- Continuous adjustment of operating time
- Variable speed brushless motor
- Supply voltage 110-240 V, 50-60 Hz 1~ AC
- Torque monitoring over the entire travel, tripping value continuously adjustable
- Adjustable limit or torque seating
- Electronic end position detection via Hall sensors and mechanical end stops
- Integrated Bluetooth interface for configuring the actuator
- End positions adjustable via Bluetooth interface or internal local controls
- Continuous mechanical position indicator
- Handwheel for manual operation, handwheel does not rotate during electrical operation
- Valve attachment according to ISO 5211 without spigot
- Integrated Controls
- Status indication via multicoloured FOX-EYE indicator light
- Motor control via integrated, contactless power electronics
- Three digital inputs (via optocoupler with one common)
- Three freely configurable relays for output signals
- Continuous analog position feedback (0/4...20mA) or 0-10 V
- Ambient temperature -30 °C to +70 °C, enclosure protection IP 68, corrosion protection KS
- Coating: Double powder coating, colour: silver-grey (similar to RAL 7037)
- Overload protection through current limiting

Options:

- Control and feedback signals via field bus Profibus DP V0/V1 interface [TPC PA0B1A1A100000]
- Auxiliary voltage output 24VDC to supply the control inputs
- Adaptive positioner with setpoint input 0/4-20mA or 0-10 V (TPC P00A1B1A100000)
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