

## Electric Part-Turn Actuator SPR 2PA



|                       |                         |         |
|-----------------------|-------------------------|---------|
| Type number:          | <b>232</b>              |         |
| Switching-off torque: | <b>145</b>              | [Nm]    |
| Operating time:       | <b>5 to 80</b>          | [s/90°] |
| Operating angle:      | <b>50° to 360°</b>      |         |
| Ambient temperature:  | <b>-25 (-40) to +55</b> | [°C]    |
| Protection enclosure: | <b>IP 67</b>            |         |
| Operating position:   | <b>any position</b>     |         |
| Weight:               | <b>12 to 14,5</b>       | [kg]    |

### Standard Specification

- Supply voltage 230 V AC
- Terminal board connection
- Protection of the motor against overheating
- Switching off in limit positions from the position or torque
- Adjustable switching off-torque from 50% to 100%
- Torque blocking in limit positions
- Torque blocking during the start
- 2 freely programmable relays RE1, RE2 (position, torque...)
- Relay READY
- Control by unified signal 0/4 - 20 mA, 4 - 12 mA, 12 - 20 mA, or 0/2 - 10 V (not for DMS3 in 2P version)
- Control voltage for remote control 24 V DC
- Impulse control (inching duty)
- Timing mode / regime of operation
- Safety function ESD (failure reaction)
- Electronic position transmitter 4-20 mA passive (not for DMS3 in 2P version)
- Auxiliary voltage output 24 V DC, max. 40 mA for supply of the control inputs
- Failure messages output
- Space heater operated by control unit
- LED position indicator
- Communication interface RS 232
- Programme for parameters setting by PC
- Mechanical stop ends
- Mechanical connection - flange ISO 5211
- Manual control

### Options

- Supply voltage 3x400, 3x380, 240, 220, 120, 24 V AC
- Additional relays R3, R4, R5
- Local control
- Version with stand, lever and pull-rod