

# ELECTROACTUATOR WITH BALL VALVES

## MPA 100-T single action Electro-actuator with valve



- Models: 5/4", 6/4", 2",
- maximum working pressure: 1 MPa (10 Bar),
- Models: 1/2", 3/4", 1",
- maximum working pressure: 1,6 MPa (16 Bar),
- medium: fluid, gas,
- voltage: 9–35 VDC/AC, 110–240 V AC,
- peak current: 500 mA,
- Guaranteed lifetime: 70 000 cycles,
- Response time/opening/closing time: 6 seconds,
- Valve body material: BRASS, AISI 304, AISI 316,
- Actuator body material: thermoplastic,
- Ball valve sealing: FKM, PTFE,
- working path: 90°,
- max. Torque: 10 Nm,
- Cable length: 1,5 meter,
- Medium temperature: 2 to +90° C (140° C with prolonged version),
- Ambient temperature: 0–55° C,
- Manual operation: possible with 9–35 VDC/AC version,
- Position indication: visual, electrical switch possible,
- Protection class: IP67.

### DIMENSION:

| Type            | Connection D1/D2 | DN (mm) | D  | L1  | L2 | E1 | H1  | H2 |
|-----------------|------------------|---------|----|-----|----|----|-----|----|
| MPA100xx-T15 xx | BSP 1/2"         | 15      | 15 | 63  | 14 | 25 | 96  | 17 |
| MPA100xx-T20xx  | BSP 3/4"         | 20      | 20 | 72  | 17 | 31 | 100 | 20 |
| MPA100xx-T25 xx | BSP 1"           | 25      | 25 | 81  | 18 | 38 | 107 | 24 |
| MPA100xx-T32 xx | BSP 5/4"         | 32      | 32 | 102 | 23 | 47 | 122 | 31 |
| MPA100xx-T40 xx | BSP 1 1/2"       | 40      | 38 | 115 | 25 | 52 | 130 | 36 |
| MPA100xx-T50 xx | BSP 2"           | 50      | 50 | 130 | 25 | 66 | 138 | 45 |

### PRODUCT CODE:

## MPA XX XX - TXX XX X

ELEKTROPOHON VENTIL

For example: **MPA100 NC - T40 316 H**

Single action actuator

Size:

20 for valves 1/2"–1"  
100 for 5/4"–2"

Position of whole in ball  
without electricity:  
NC normally closed  
NO normally open  
502 – feedback/ end switch

Valve with flange for actuator MPA

DN of valve

Valve material:

B – Brass  
304 – steel AISI304  
316 – stainless steel AISI316

□ – standard

H – high temperature  
above 80 °C

3 – three -way valve

### VALVE DIMENSIONS:

