



### Product Features

- electrical shut-off device, can be combined with flushing system
- low pressure loss
- wetted metal parts made of stainless steel and gunmetal
- two position spring return actuator with status feedback and electroless reset
- 90° rotatable
- water hammer free operation
- easy maintenance while installed
- maintenance free gear
- for connection to KHS Logic Control System or BMS
- self-centering shaft adapter with flange for assembly on the valve
- male union thread
- removable inner top part TOP-ENTRY, with EPDM gasket body and stainless steel ball
- free from dead spots

### Standards and Approvals

- DVGW approval
- WRAS approved under the scope of figure 684
- according to DVGW worksheet W 570
- according to accepted materials list from German environmental agency
- soundproofing certification according to DIN EN ISO 3822 Class 1
- DIN EN 13828
- ÜA-Reg.-Nr. R-15.2.3-21-17048, WIEN-ZERT

### Technical data

- pressure rating PN 16
- max. operating temperature 75 °C
- max. ambient temperature 55 °C
- protection class IP54
- power supply 24 V DC
- position feedback 0...10 V
- elapsed time for actuated changeover 90 s
- elapsed time for spring driven changeover 15 s
- length of connection cable 0.9 m
- wire cross section 4 x 0.75 mm<sup>2</sup>
- power input during actuation 3,5 W / 5 VA
- power input during standstill 2,5 W

| Part no.   | DN | A1      | D1 (mm) | H1 (mm) | H2 (mm) | L1 (mm) | L2 (mm) | SW1 (mm) | T1 (mm) | kg   |
|------------|----|---------|---------|---------|---------|---------|---------|----------|---------|------|
| 6860101500 | 15 | G 3/4   | 18      | 110     | 25      | 73      | 150.3   | 10       | 81      | 1.99 |
| 6860102000 | 20 | G 1     | 22.5    | 110     | 25      | 73      | 150.3   | 10       | 81      | 2.05 |
| 6860102500 | 25 | G 1 1/4 | 29      | 112.5   | 28      | 88      | 150.3   | 10       | 81      | 2.34 |
| 6860103200 | 32 | G 1 1/2 | 35      | 115.5   | 31      | 93      | 150.3   | 10       | 81      | 2.54 |

## **Accessories**

- gunmetal solder union connector, figure 476 04
- gunmetal union connector, union nut, figure 476 06
- gunmetal union connector, union nut, FPT, with drain valve, figure 476 07
- gunmetal union connector, union nut, MPT, figure 476 08
- flow limiter, figure 697
- insulation shell for quarter turn stop valves and CONTROL-PLUS sensors, figure 471 19
- solder / pressfit union connector, figure 476 14
- KHS free drain with overflow sensor, figure 688 00
- pressfit union connector, MAPPRESS stainless steel and copper, figure 476 22
- pressfit union connector, SANPRESS and PROFIPRESS, figure 476 30
- pressfit union connector, SANHA and NiroSan, figure 476 35
- pressfit union connector, MEPLA, figure 476 40
- AC/DC converter, figure 686 01 001
- adaptor, double union nut, figure 101 06

## **Spare parts**

- spring return actuator 24V for KHS quarter turn stop valves, figure 686 00 003/004
- KHS quarter turn stop valve without servo drive, figure 686 0G
- Inner top part for KHS quarter turn stop valves with actuator and 10 l/min flow limiter, figure E0120 696 01 015
- inner top part for KHS quarter turn stop valves with actuator, figure E0120 686 00