

MIXING VALVES

AVC, ACC Actuators for Mixing Valves

Actuators designed to control mixing valves. The valve position is indicated by a LED. These actuators are characterized by simple and quick installation, quiet operation. A special design prevents damage if the valve gets blocked.



TECHNICAL DATA

| | |
|----------------|------------------|
| DIMENSIONS | 84 x 101 x 85 mm |
| MATERIALS | |
| ACTUATOR COVER | Polycarbonate |
| POWER CABLE | PVC |

TYPEY

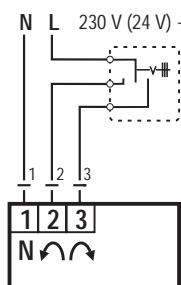
| CONTROL | | 3-POINT | | | 0-10 V | | | | CONSTANT TEMPERATURE | |
|---------------------|-----------------|--------------|--------------|---------------------|--------------|-------------|-------------|-------------|----------------------|------------------|
| | | 5 | 5 | 5 | 5 | 5 | 60 - 120 | 60 - 120 | 6 | 6 |
| TORQUE | Nm | 5 | 5 | 5 | 240 | 120 | | | 120 | 120 |
| SHIFT TIME | s | 60 | 120 | 120 | yes | no | no | no | no | no |
| AUXILIARY SWITCH | -- | no | no | no | | | | | | |
| POWER SUPPLY | -- | 230V 50Hz | 230V 50Hz | 230V 50Hz | 230V 50Hz | 24V 50Hz | 24V 50Hz | 24V 50Hz | 230V 50Hz | 230V 50Hz |
| POWER INPUT | VA | 2.5 | 2.5 | 2.5 | 2.5 | 2.5 | 5 | 5 | 3.5 | 3.5 |
| IP/PROT. CLASS | -- | IP42/II | IP42/II | IP42/II | IP42/II | IP42/II | IP42/II | IP42/II | IP42/I | IP42/I |
| AMBIENT TEMPERATURE | °C | 0 - 40 | 0 - 40 | 0 - 40 | 0 - 40 | 0 - 40 | 0 - 40 | 0 - 40 | 0 - 60 | 0 - 60 |
| SENSOR | -- | -- | -- | -- | -- | -- | -- | -- | Pt1000 1piece | Pt1000 2piece |
| POWER CABLE | | | | | | | | | | |
| CROSS SECTION | mm ² | 3x0.5 | 3x0.5 | 5x0.5 | 3x0.5 | 3x0.5 | 4x0.5 | 4x0.5 | 3x0.5 | 3x0.5 |
| LENGTH | m | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 |
| CODE | -- | 10875 | 9193 | 10878 ¹⁾ | 10876 | 11118 | 14682 | 10873 | 16101 | 16102 |

¹⁾ The actuator is equipped with an auxiliary switch.

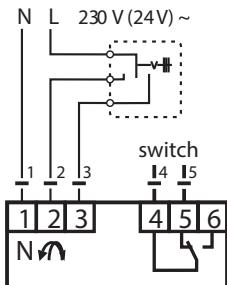
The actuator with 2 Pt1000 sensors (code 16102) is equipped with a differential thermostat suitable to control constant return temperature in solid fuel boilers and to switch off a circulation pump when the boiler goes out.

ELECTRICAL WIRING

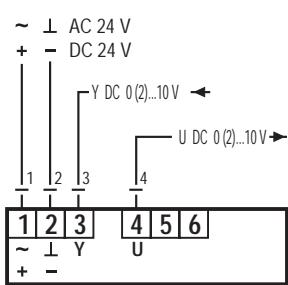
3-point control
10875, 9193, 10876, 11118



3-point control w. aux.
switch - 10878



Proportional control
0-10 V - 10873, 14682



Control to constant tem-
perature - 16101, 16102

