

ROTARY MOTORIZED VALVES

ACTUATOR SERIES ARA600 3-POINT



ESBE Actuator Series ARA600 for operating ESBE mixing valves DN 15-50. The actuators have an operating range of 90° and can easily be manually operated.

OPERATION

The ESBE series ARA600 is a compact actuator designed for operating rotary mixing valves DN 15-50. The actuators ARA6X1, ARA6X2, ARA6X3 and ARA6X4 are controlled by 3-point signal, and are recommended for mixing applications. The actuator has an operating range of 90° and the valve can easily be manually operated by the pull-and-turn knob on the front of the actuator.

VERSIONS

The ESBE actuators with 3-point signal control are available for 24 or 230 VAC, 50 Hz and it is supplied with an attached 1.5 m connection cable. A wide range of different running times is also available, from 30 to 1200 seconds.

An auxiliary switch, which can be set in any position, is available either as a pre-mounted component fitted to the actuator (ARA6X2 and ARA6X4) or as an optional kit to be ordered separately. The auxiliary switch is easily set by a unique solution, by just lifting off the turning knob the switch cam is accessible, no tools or disassembly required.

SUITABLE MIXING VALVES

Thanks to the special interface between the actuator series ARA600 and the ESBE valve series VRG100, VRG200 and VRB100, the unit as a whole has a unique stability and precision when regulating. The actuator series ARA600 is also easily mounted on the ESBE valve series MG, G, F, BIV, H and HG.

- Series VRG100
- Series VRG200
- Series VRG300
- Series VRB100
- Series MG
- Series G
- Series F ≤ DN50
- Series BIV
- Series H and HG

LINKAGE KITS

The actuator is supplied complete with an adaptor kit for easily fitting onto an ESBE rotary mixing valve. Adaptor kits can also be ordered separately.

Art. No.
 1600 04 00 _____ ESBE valve series G, MG
 1600 05 00 (= supplied with actuator)
 _____ ESBE valve series VRG, VRB, G, MG

OPTION

Auxiliary switch kit _____ Art. No. 1620 07 00
 Cable hatch _____ Art. No. 1620 08 00

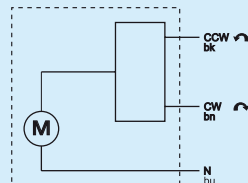
TECHNICAL DATA

Ambient temperature: _____ max. +55°C
 _____ min. -5°C
 Enclosure rating: _____ IP41
 Protection class: _____ II
 Power supply: _____ 24 ± 10% VAC, 50 Hz
 _____ 230 ± 10% VAC, 50 Hz
 Power consumption: 24 V _____ 2 VA
 230 V _____ 5 VA
 Rating auxiliary switch: _____ 6(3)A 250 VAC
 Weight: _____ 0.4 kg

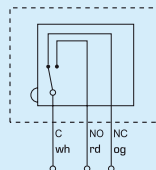
CE LVD 2006/95/EC
 EMC 2004/108/EC
 RoHS 2002/95/EC

WIRING

The actuator should be preceded by a multi-pole contact breaker in the fixed installation.



Actuator, series:
 ARA641 — ARA644,
 ARA651 — ARA654,
 ARA661 — ARA664,
 ARA671 — ARA674



Actuator with premounted auxiliary switch, series:
 ARA642, ARA644, ARA652, ARA654, ARA662, ARA664,
 ARA672, ARA674, ARA692, ARA694

The actuators are fitted with two separate cables, one cable for actuator regulation and one for the auxiliary switch.

To set the switch position, remove the actuator knob and turn the green cam sleeve to the desired position.