


HYDRA


AURATON S10


Three-way valve controller

AURATON Hydra is a three-way or four-way valve controller that supports actuators with and without limit switches. The device opens and closes the valve within the hysteresis range of +/-5°C. Every 1°C temperature change causes the valve to open or close by 10%. The user can control the temperature between 10°C and 90°C. The temperature measurement is carried out between 2°C and 99°C. In the event of a temporary power failure, an auto-calibration function is activated and the controller resumes normal operation once the failure has passed. Additionally, auto-calibration starts automatically every 14 days. The AntiStop function improves the precision of the actuator and prevents unused valves from stagnating. The controller operation mode is indicated acoustically and by means of LEDs. AURATON Hydra is equipped with an LED display with current temperature readings.




 LED display with current temperature readings

 Valve opening and closing within the hysteresis range of +/-5°C

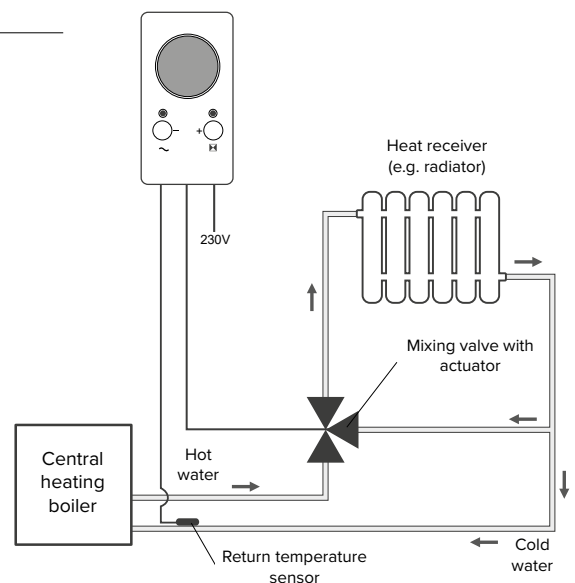
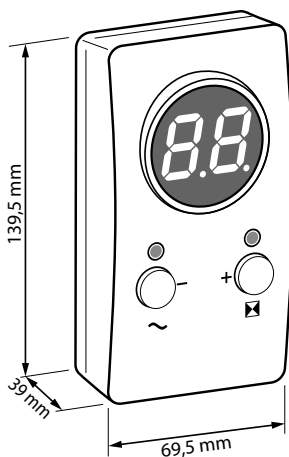
 Valve operation with or without limit switches

 AntiStop function – prevents valve stagnation

 Compatible with a four-way valve

TECHNICAL DATA

Power supply	230V AC, 50Hz, 1.5W
Operating temperature range	0 – 40°C
Working status signalling	LED display, sound signal
Relay load capacity	max. 250V AC, max. 1A
Temperature control range	10 – 90°C
Temperature measuring range	2 – 99°C
Actuator operation time setting range	10 – 400 seconds
Hysteresis	± 5°C
Ingress protection	IP 20
Humidity	≤85% non-condensing



FOR SMARTER LIVING