

Data Sheet ZBOOA-010.185

Article number: G8990010

Valve actuator "Stella" 230 V NC for automatic hydronic balancing

"Stella" - the intelligent autonomous electrothermal valve actuator 230 VAC NC for automatic adaptive hydronic balancing of the heating circuits of a heating circuit manifold in panel heating and cooling systems. Sensors on the flow and return pipes measure temperature differences and an algorithm continuously calculates the required temperature spread and the corresponding valve position. Closed when de-energized and with hinged lever for relieved unscrewing or for de-energized manual opening of the thermostatic valve. With integrated flow temperature limiter. Stella can be used in combination with all standard temperature controllers and terminal strips. When using devices with a triac switching element, a dielectric strength (V DRM) of the triac of at least 800V is required.



Connection cross-section	2 x 0,34 mm ²
Temperature controller version	valve actuator
Operating voltage	230 VAC, 50 Hz
Average power consumption	1.7 W
Colour	grey
RAL colour number (similar)	7015
Function type	closed when de-energised
Cable length	1 m

Bearing temperature	-25 ... 60 °C
Running time	180 s
Max. air humidity (non-condensing)	100 % r.H.
Housing material	plastic PA6
Max. Inrush current	130 mA for max. 200 ms
Mounting/attachment	M30x1.5
Nominal stroke	3.5 mm
Nominal closing force	110 N
Closing dimension actuator	10.8 mm
Closing dimension valve	11.8 mm
Protection class	IP54
Protection class	II, following appropriate mounting
Safety and EMC	in accordance with DIN EN 60730
Ambient temperature	0 ... 50 °C
Dimensions (W x H x D)	47 mm x 74,2 mm x 53,1 mm

