JB-150N-HEAD Wireless thermostatic head

It is used to control a radiator valve or floor heating. The actuator is an option of the JA-1x0TP thermostats and in combination with them it extends the capabilities of the JABLOTRON 100 system in the field of simple zone control.

- **Declaration of conformity - JB-150N-HEAD (PDF 320.85 kB)**

Description

The actuator follows the status of the selected programmable output of the control panel.

In a building, up to 48 actuators can be installed independently of the settings of individual thermostats. Before installation, a correct adapter type must be selected with respect to the radiator valve. As supplied from the manufacturer, the actuator comprises the basic VA 50 adapter designed for common valves with the screw union dimensions of M30 x 1.5. If necessary, we offer 4 other adapter types: JB-VA16, JB-VA26, JB-VA78 and JB-VA80.

The valve actuator is then simply assigned to a thermostat enrolled in the control panel. Then, they offer the following functions together:

- Automatic switch-over to the economy temperature on setting of the premises
- Weekly schedule mode
- Possibility to enter the manual temperature setting mode
- Possibility to switch off if just a minimum temperature should be maintained in the building
- Heating suppression if a window is open
- Report in case of overheating or freezing

Technical specifications

Power	3 x Alkaline batteries type AA (LR6) 1.5 V **Warning: batteries are not included**
Current consumption (nominal/maximum)	0.025/550 mA
Maximum radio-frequency power (ERP)	2.5 mW
Protection rating (IP)	IP40
Limit values of the switchgear	T60
Typical battery lifetime	approximately 2 heating seasons (10 cycles/day) (1 heating season of 10 cycles/day - when using a Giacomini valve)
Communication band	868.1 MHz, JABLOTRON protocol
Communication range	approx. 300 m (open area)

Dimensions	85 x 49 mm
Weight	105 g
Operating temperature range	0 °C to + 40 °C RV 75% non-condensing
Complies with	ETSI EN 300 220-1, EN 50130-4, EN 55022, EN 60950-1, EN 60730-1 ed.3, EN 607-2-8
Can be operated according to	VO-R/10 (ERC REC 70-03)