

# KET-ATW-100



APPLICATIONS
Thermoregulation



MAGGIORI CONTENUTI ONLINE

## Wireless actuator for thermostatic valves

- Perfect integration into BMS / BEMS systems
- Summer anti-block function
- Compatible with most valves
- Internal temperature sensor

The electronic actuator **KET-ATW-100** allows to integrate the existing heating bodies in the energy saving system. Acting on the thermostatic valve, the actuator regulates the environmental comfort on the basis of the commands sent by the supervision system.

Its **small size** allows it to be installed directly on the manifold and inside fan coils and convectors. Battery power eliminates the need for wiring.

TECHNICAL FEATURES	
GENERAL SPECIFICATIONS	<b>Protection Range:</b> IP30 <b>Operative Temperature:</b> 0 ÷ +85 °C <b>Storage Temperature:</b> -15 ÷ +60 °C <b>Relative Humidity:</b> MAX 80% not condensing
CASE	<b>Dimensions:</b> 47 x 91 x 62 mm (W x H x D) <b>Flanged Connections:</b> M30 x 1.5 mm <b>Compatible Valves:</b> IVAR, Caleffi, FAR (with appropriate adapter), Giacomini (with appropriate adapter), IVR. For more compatibility contact the manufacturer. <b>Insulation Class:</b> Class II <b>Material:</b>
BATTERY POWER SUPPLY	<b>Supply Voltage:</b> 4,5 V <b>Battery Type:</b> 3 AA <b>Capacity:</b> <b>Approximate Battery Life:</b> > 3 years <b>Consumption:</b>
RADIO MODULE	<b>Supported Protocols:</b> X-Monitor Protocol (X-MP) / IEEE 802.15.4 <b>Radio Frequency:</b> 2.4 GHz ISM Band <b>Output Power:</b> +3 dBm <b>Sensitivity:</b> -104 dBm <b>Antenna Type:</b> 1 internal <b>Max Distance (Free Air):</b> Up to 150 m
FUNCTIONALITY	<b>Radio Signal Indicator:</b> Integrated (LinkQuality) <b>Output Power Adjustment:</b> <b>Firmware Upgrade:</b> Over The Air <b>User menu:</b> <b>Support for public environment:</b> Anti-removal support, keyboard lock

