



Heating actuator Stella R LoRaWAN

The HKR Stella R LoRaWAN is perfectly suited for use in public buildings such as schools and administration buildings, as well as in hotels, industrial plants and offices, due to its outstanding features in terms of battery life, actuating force and its many configuration options.



Technical data

Supply voltage:	2x 1.5 V LR6/ AA-Battery
Adjusting force:	>125 N
Medium temperature at the valve:	+20°C to +120°C
Battery life:	approx. 5 years (Battery life varies depending on usage and network characteristics)
Valve stroke:	4.8 mm
Regulation range:	8°C-28°C
Dimensions (WxHxD):	50x85x71mm
Housing:	Plastic (White)
Weight:	197 g
Installation:	M30x1.5 mm, RA-, RAV-, RAVL-Valve (Metal adapter available for other valves)
Protection class:	IP30
Area of application:	Inside
Scope of delivery:	Actuator Stella R LoRaWAN, Instruction manual, Battery (2x 1.5V LR6)

Radio technology

Communication:	LoRaWAN EU88 (V1.0.4) Internal antenna
Frequency band:	L-Band 865.0-868.0 MHz M-Band 868.0 MHz-868.6 MHz
Duty-Cycle:	L-Band < 1 %/h M-Band < 1%/h
LoRaWAN range:	> 6km (Freefield, SF9, Gateway: Kerlink PDTIOT-ISS04)

Environmental condition

Ambient temperature:	0 to +50°C
Ambient humidity:	0 to 95 %
Storage and transport conditions:	temperature -20°C to +80°C Relative humidity max. 95%

Functions

- Actuator mode
- Closing point control
- Frost protection function
- Configuration and parameterization visible in the payload
- Bright LED display
- Rocker switch for operation