



## Heating actuator Stella Pro LoRaWan

The Stella Pro 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, robustness and its many configuration options.

Stella Pro LoRaWan incorporates the experience gained from 20,000,000 actuators produced.



### Technical data

Supply voltage:	3.6 V Lithium Battery C-cell (changeable)
Adjusting force:	>150 N
Medium temperature at the valve:	+20°C to +120°C
Battery life:	> 10 years (Battery life varies depending on usage and network characteristics)
Valve stroke:	4.8 mm
Regulation range:	8°C-28°C
Dimensions (WxHxD):	57x77x55mm
Housing:	Plastic (White), Alu
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 Pro LoRaWan, Instruction manual, (Lithium Battery not included)

### 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