

# Micropelt iTRV

## Intelligent Thermostatic Radiator Valve

Micropelt iTRVs communicate with EnOcean based room controllers with no cables or batteries, 365 days a year.

some room controller with  
EnOcean radio 868 MHz



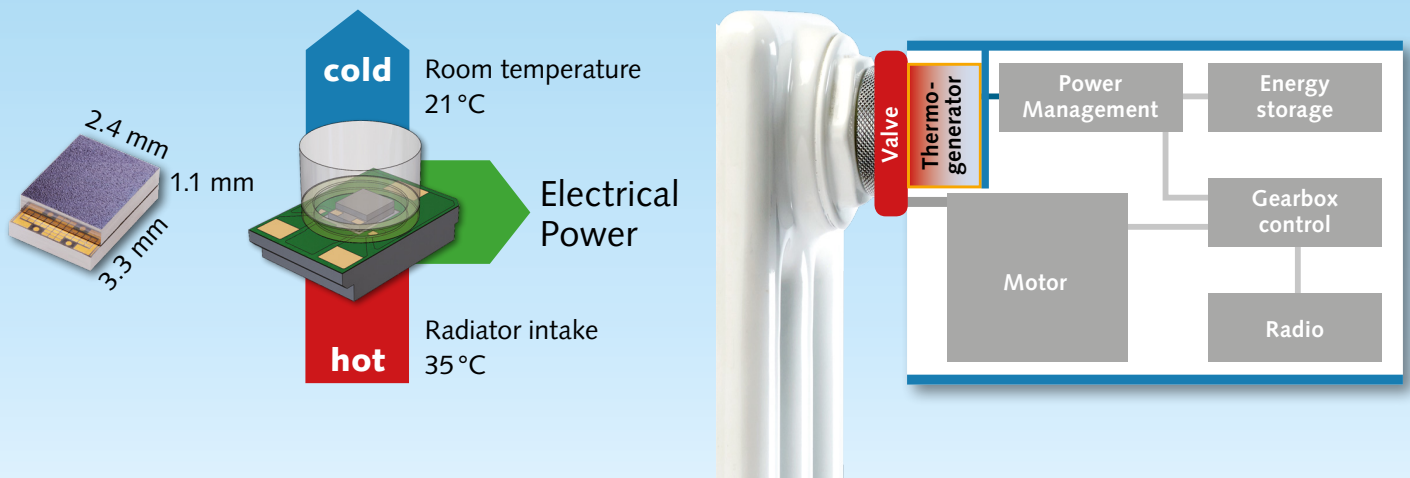
- Compact design allows easy retro-fit for existing radiators
- Maintenance-free, automatically configures with intelligent thermostats
- Precise room temperature control
- Powered by Micropelt thermogenerator
  - converts small temperature differences to electricity
  - eliminates need for batteries and replacing them
  - as well available during summer time, 365 days a year



# Micropelt Thermogenerator

Patented technology converts small temperature differences into electricity, powering wireless sensors and actuators

The thermogenerator is the core element of the Micropelt iTRV



## Technical Specifications:

- Compact design 59 x 64 x 59 mm (w x h x d)
- Operation possible during transitional period and summer time due to internal energy storage
- Supports summer sleep mode
- EnOcean radio 868 MHz (ISO/IEC 14546-3-10)
- EnOcean protocol A5-20-01, valve position in %
- Protection – IP4X (EN/IEC 60529)
- Ambient temperature 0 to 50 °C
- Valve-Thread – Standard: M30 x 1.5  
Adapters for other valve types are available
- Weight 260 g

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