



- ▀ Heat calculator
- ▀ Heating and cooling calculation
- ▀ Energy calculator for universal use in systems for heating and cooling measuring.
- ▀ 10 years battery lifetime
- ▀ Individual remote reading (AMR) with add on modules Plug & Play
- ▀ Optional pulse, radio frequency and MBUS output
- ▀ Passive analogue outputs for 4 ... 20 mA

Technical Specification

Application			Heating - cooling
Battery supply			3.6 VDC A-cell 10 years lifetime
Mains supply			24 VAC; 230 VAC / 0.15 W
Volume pulse input frequency			Max. 200 Hz; pulse durance > 3 ms
Ambient class			Class E2+M2
Ambient temperature	°C	°C	0 ... 55 °C
Ambient storage temperature	°C	°C	-25 ... +60 (>35 °C max. 4 weeks)
Communication			Pulse, M-Bus, Radio frequency output
Temperature range heating	°C	°C	Θ: 0 ... 180 ΔΘ: 3 ... 177
Temperature range cooling	°C	°C	Θ: 0 ... 90 ΔΘ: 3 ... 87
Temperature range heating with cooling tariff	°C	°C	Θ: 0 ... 105 ΔΘ: 3 ... 102
Display indication			LCD, 8-digit
Units			MWh - kWh - GJ - Gcal - MBtu - gal - GPM - °C - °F - m³ - m³/h
Total values			99,999,999 - 9,999,999.9 - 999,999.99 - 99,999.999
Values displayed			Energy - Power - Volume - Flow rate - Temperature and more
Starting temperature difference	ΔΘ	K	0,3
Min. temperature difference	ΔΘ _{min.}	K	3
Max. temperature difference	ΔΘ _{max.}	K	177
Absolute temperature measuring range	Θ	°C	-20 ... 190
Overall lenght	L	mm	100
Width of calculator	B	mm	85
Height	H	mm	30

Dimensions

