

# E-ITN 10.7



**Data reading**

Measured data can be read via mobile reading unit IRU 10. Reading procedure is very simply and can be made e.g. by building administrator.

**Protection against cheating**

When thermally influenced, allocator is switched to single-sensor mode. Allocator is switched back to standard two-sensor mode when thermal influence is finished. Consumption values and radiator temperatures for past 12 months can be read from the allocator memory via infra-red interface.

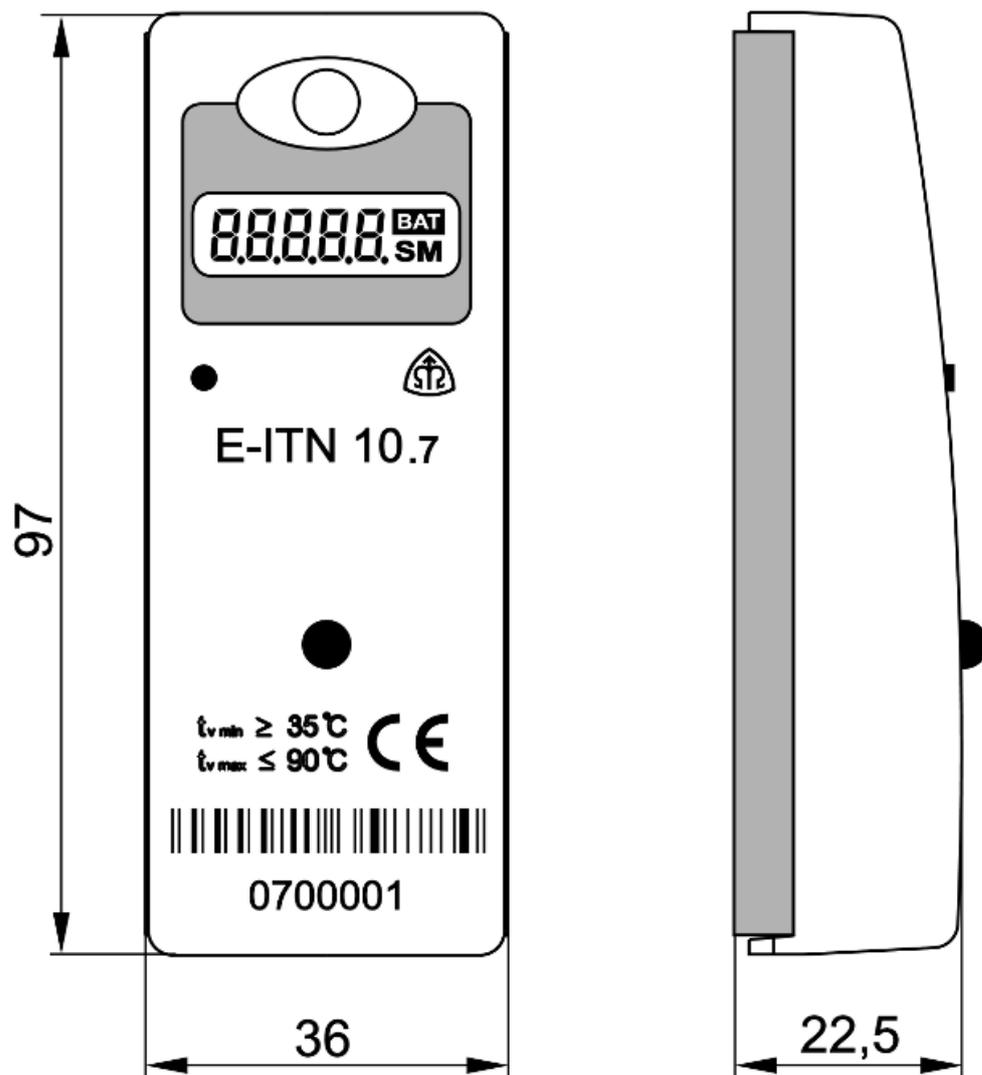
**Application**

E-TIN 10.7 is intended to be installed in one-tube horizontal/vertical and two-tube heating systems with the lowest mean design heating medium temperature  $\geq 35\text{ }^{\circ}\text{C}$  and highest mean design heating medium temperature  $\leq 90\text{ }^{\circ}\text{C}$ .

**Technical data**

Measuring principle	two-sensor measuring principle
Conditions for measuring	temperature of the sensor of the radiator temperature $\geq 23\text{ }^{\circ}\text{C}$ difference of surroundings temperature and mean temperature of heating medium $\geq 4\text{ }^{\circ}\text{C}$
Resulting rating factor K	K = 1
Calendar functions	value for past year, for past 12 months: month consumption value, min., aver. and max. radiator temperature, number of heating days
Data imaging	5-dial LC display + 2 special symbols
Data reading	visually, infra-red interface
Protection against cheating	continuous control of surroundings temperature, if the thermal influence is detected, allocator is switched to single-sensor mode
Data backup	daily backup of measured values including real time
Function control	automatic, can be activated and controlled by user
Dimensions	97 x 36 x 22,5 mm
Power supply	lithium battery 3,0 V
Material	ABS + PC / AI - F22
IP code	IP 42
Conformity	EN 834

Technical drawings



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