Sontex

Thermal Energy Flow Metering

Sontex 555
Sontex 556 Radio

Electronic Heat Cost Allocator

Sontex 555 / Sontex 556 Radio
Electronic heat cost allocator

The new standard in heat cost allocating

- All parameters freely programmable
- Covers all possible applications
- Bidirectional radio technology
- Rolling displayed menu

The new heat cost allocators Sontex 555 and 556 meet all the requirements of all users with its numerous new features, attractive design and outstanding quality.

Thanks to the **double sensor** technology the heat cost allocators 555 and 556 precisely captures the smallest temperature differences between the radiator and the ambient, even with low temperature heating systems. The device separates between heating and sun exposure. This means faulty data collection during summer months is impossible.

The heat cost allocators 555 and 556 can be easily and quickly mounted on existing bolts with common dimensions. The existing heat cost allocator can be easily replaced without additional work. With an additional blind, colour shadows can be covered for increased aesthetics.

Easy readout of the consumption values
The consumption values are manually readout over the large 6 digit LCD by pressing the push button through the menu or electronically over the optical interface. Post card mail-in method of the set day value is also possible in combination with an automatically created check code.

Optical interface
All recorded data and parameters can be readout and parameterized over the optical interface with free software.

Remote reading with the bidirectional Sontex radio solution
The heat cost allocator Sontex 556 is equipped with the successful and reliable bidirectional Sontex radio technology. The Sontex radio technology distinguishes itself especially by the industries best radio range and the parameterizing over the radio.

Walk-by or centralised radio remote readout
The remote readout of the consumption data with the bidirectional Sontex radio technology is possible with a mobile radio modem & PDA for walk-by remote readout or with a permanently installed radio central directly from the office of the billing service. All known long distance cable or wireless communication technologies (e.g. RS-232, M-Bus, GSM/GPRS) can be hooked up to the radio central.

Bi-directional Radio
All necessary recorded data and parameters can be readout and parameterized over the bidirectional radio interface with free software included in the radio equipment.

Features

- Recorded commissioning date
- Automated annual reset possible
- Suppression of summer counting
- Parameterizing from PDA or PC over optical or radio interface
- Manual readout over push button and 2 level menu sequence
- 36 monthly or 18 monthly and 18 half monthly values recorded
- Check code for post card mail-in method
- Customer specific rolling menu
- Serial and identification number
- Date and time
- Cumulated consumption value
- K_C and K_Q value
- Ambient & radiator temperature
- Set day and set value
- Consumption value on last reset day
- Maximum consumption value of the last 2 years
- Error codes
- Electronic fraud detection - released housing
- Last date of housing closure – related to a fraud
- Overall cumulated time of released housing – related to a fraud

Product data

Measuring principle	2 sensor or single sensor with start sensor
Scale	Unit or product scale
Radiator power	4 – 16'000 Watt
Types	555 (Standard); 556 (Radio)
Versions	Compact; Remote sensor
Power supply	3-V-Lithium battery
Radio	Bidirectional, 433,82 MHz, 10mW transmitting power
Lifespan	Greater (>) 10 years
Display	Multifunctional 6 digit LCD
Set day	Freely programmable
Range of use	1 sensor with start sensor: 55°C..90°C (..120°C with remote sensor) 2 sensors: 35°C..90°C (..120°C* with remote sensor)
Measurement start	25°C – 40°C programmable
Measurement range	0 – 90°C, 0 – 120°C remote sensor
Storage temperature	-25°C – 70°C
Interface	Optical, according to EN 60870-5
CE conformity	According to directive EG/99/5
Homologation	HKVO A1.02.2008
Dimensions	93 x 38 x 28 mm

Sontex SA
2605 Sonceboz
Switzerland
Tel. + 41 32 488 30 00
Fax. + 41 32 488 30 01
E-Mail: sontex@sontex.ch
Internet: www.sontex.ch

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