Sontex

Thermal Energy ■ Flow Metering ■

Sontex 555
Sontex 556 Radio

Electronic Heat Cost Allocator

Sontex 555, Sontex 556 Radio
Electronic heat cost allocators

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. Idle counting can be excluded.

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 a better look.

Easy readout of the consumption values
The consumption values are manually readout over the large 6 digit display, rolling or 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 parameterised 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 Supercom radio technology. The Sontex radio technology distinguishes itself especially by the industries best radio range and the possible parameterising over the radio.

Radio remote readout by Walk-by or radio central
The remote readout of the consumption data with the bidirectional Sontex Supercom radio technology is possible in two different ways: With the mobile radio modem via Bluetooth from a PDA or smart phone for the mobile remote readout (Walk-by), or with a radio central installed in the building directly from the office of the billing service.
All known wired or wireless communication technologies (e.g. USB, M-Bus, GSM, GPRS to FTP server) can be hooked up to the radio central.

Bidirectional Radio
All necessary recorded data and parameters can be readout and parameterised over the bidirectional radio interface with free software included in the radio equipment.

Features

- Commissioning date
- Automated annual reset possible
- Suppression of idle counting outside of heating period
- Parameterising from PC or smart phone over optical interface or via radio
- 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_0 value
- Ambient & radiator temperature
- Set day and set value
- Consumption value before last reset to zero
- Maximum heating temperatures over two heating periods
- Fraud detection: Recorded date of last opening of the heat cost allocator
- Fraud detection: Cumulated time of open heat cost allocator

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	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 according to EN 834
Dimensions	93 x 38 x 28 mm

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