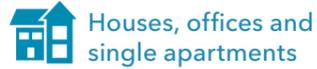


Application/Solution



Houses, offices and single apartments



Apartments and office buildings



Commercial and industrial buildings



District Heating



Industries

90 °C/PN16 PolluCom F & F/S Compact Design



90 °C/PN16 PolluTherm & Flow Sensor



90 °C/PN16 PolluWatt Duo II + Flow Sensor



90 °C/PN16 PolluStat Compact Design



90 °C/PN16 PolluTherm F + Flow Sensor



130 °C/PN25 PolluTherm + Flow Sensor



130 °C/PN25 PolluWatt Duo II + Flow Sensor



Applications and temperature range:

- ✓ Heat meter 15 - 90 °C
- ✓ Cooling meter 5 - 50° C
- ✓ Hybrid meter 5 - 50 °C and 15 - 90 °C (changeover heating/cooling)
- ✓ Optical data interface as standard

Compact thermal energy meters

PolluCom® F - Mechanical compact thermal energy meter

- ✓ Approval acc. to EN 1434 Class 2 with max. q_i/q_p - 1:100
- ✓ Fast measurement cycle: temperature, energy and flow each 4 seconds
- ✓ Environment class M2 and E1
- ✓ Various communication options: wireless M-Bus OMS mode 5/A or 7/B certified, M-Bus, pulse in- or output
- ✓ Optional usage for water/glycol mixture (as non-certified device)
- ✓ Optional changeover between heating and cooling operations (second register)



PolluCom® F
threaded connection
 q_p 0.6 to q_p 2.5
DN15 to DN20



PolluCom® F/S C - Mechanical cartridge compact thermal energy

- ✓ All properties and features as shown above for PolluCom® F
- ✓ Plus direct fit with existing Allmess, Ista or Techem cartridge installation points

PolluStat® - Ultrasonic compact thermal energy meter

- ✓ Approval according to EN 1434 Class 2
- ✓ Detachable calculator for convenience in narrow conditions
- ✓ Various communication modules: wireless M-Bus OMS mode 5/A or 7/B certified, LoRaWAN, M-Bus, Modbus, pulse in- or output
- ✓ In case of installation issues, the temperature sensors can be soft-set to warmer pipe on site as long as consumption is below 10kWh.
- ✓ Optional changeover between heating and cooling operations (second register)
- ✓ Standard battery life 10 years
- ✓ Optional 230V oder 24V power supply attachable



PolluStat®
threaded connection
 q_p 0.6 to q_p 10
DN15 to DN40

Combined (split) thermal energy meters 90 °C/PN16

PolluTherm® with mechanical flow sensor 90 °C/PN16

- ✓ For a variety of installation positions
- ✓ Fast measurement cycle: temperature each 2 seconds, energy and flow each 4 seconds
- ✓ Environment class M2 und E2
- ✓ Various communication options in two slots: pulse in- output M-Bus, LonWorks, Modbus
- ✓ Optional usage for water/glycol mixture (only with mechanical flow sensor, non-certified device)



AN130
threaded connection
 q_p 1.5 to q_p 10
DN20 to DN40

PolluWatt™ Duo II with mechanical flow sensor 90 °C/PN16

- ✓ Fast measurement cycle: temperature, energy and flow each second
- ✓ Environment class M2 and E2
- ✓ 3x free programmable 4...20 mA analog output optional
- ✓ Optional usage for water/glycol mixture (only with mechanical flow sensors, non-certified device)
- ✓ Optional changeover between heating and cooling operations (second register)



MeiStream® FS
flanged connection
 q_p 15 to q_p 600
DN50 to DN300

PolluTherm® F with ultrasonic flow sensor 90 °C/PN16

- ✓ Technically identical to the calculator of our PolluStat®
- ✓ Various communication modules: wireless M-Bus OMS mode 5/A or 7/B certified, LoRaWAN, M-Bus, Modbus, pulse in- or output
- ✓ In case of installation issues, the temperature sensors can be soft-set to warmer pipe on site as long as consumption is below 10kWh.
- ✓ Optional changeover between heating and cooling operations (second register)
- ✓ Standard battery life 10 years
- ✓ Optional 230V or 24V power supply attachable



PolluFlow®
threaded connection
 q_p 0.6 to q_p 10
DN15 to DN40

PolluFlow® FS
flanged connection
 q_p 0.6 to q_p 60
DN20 to DN100

Combined split thermal energy meters 130 °C/PN25

- ✓ Ultrasonic flow sensor PolluFlow®, flanged DN20 to DN100
- ✓ Flow sensor 130 °C/PN25 (hot process water)
- ✓ In combination with PolluTherm® or PolluWatt Duo II™



PolluFlow®
flanged connection
 q_p 0.6 to q_p 60
DN20 to DN100

Mechanical

Ultrasonic