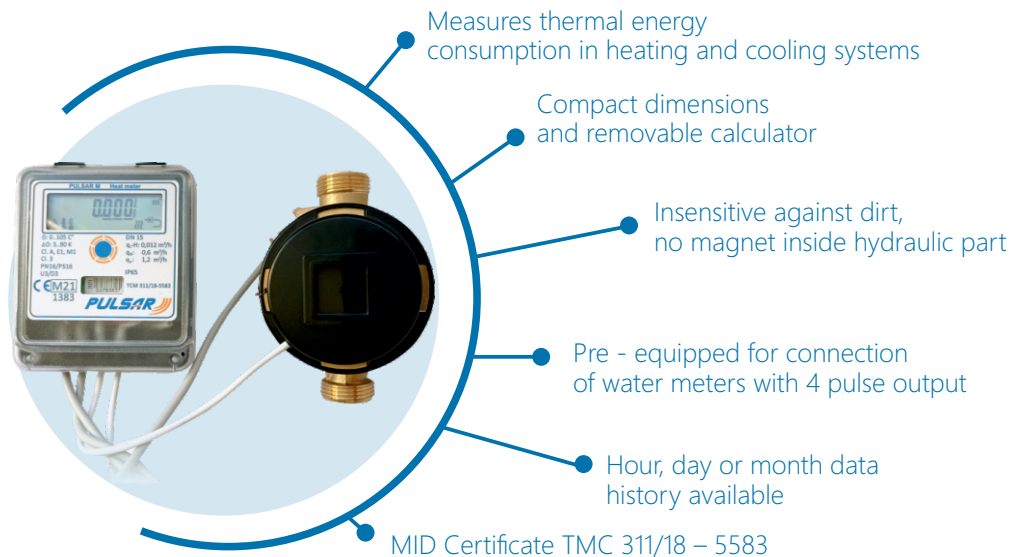


Compact mechanical heat meters «Pulsar»

Designed to measure thermal energy in an apartment, private home, small office or retail space. Installed in a pipeline that supplies heat to the facility.

Available according to EN 1434.



Interfaces

- Pulse output
- RS-485
- M-Bus
- Wireless M-Bus
- LoRa
- Ultra narrow RF band (Pulsar IoT)

Technical data

Nominal DN	15	15	15	20	20	Temperature range, C	0...90
Minimum flow q_i , m ³ /h (horizontal/vertical)	0,012/0,24	0,02/0,04	0,03/0,06	0,03/0,06	0,05/0,10	Temperature difference range, K	3-90
Nominal flow q_p , m ³ /h	0,6	1	1,5	1,5	2,5	Temperature resolution, K	0,01
Maximum flow q_s , m ³ /h	1,2	2	3	3	5	Ambient temperature, C	5...55
Thread	G3/4B	G3/4B	G3/4B	G3/1B	G1B	Protection	IP65
Length, mm	110	110	110	130	130	Environmental class	A
Ambient temperature, C	5...55					Electromagnetic class	E1
Pressure loss at q_p , bar	< 0,2					Mechanical class	M1
Accuracy class (EN1434)	3					Display	LCD, 8 digits+icons
Nominal pressure, bar	16					Units	MWh, kWh, GJ, Gcal
Liquid specification	Water					Inputs (optional)	4 pulse type for external meters
Direction of flow	One direction					Power supply, V	3,6 V, Lithium, 10 years
Temperature range, C	0..90					Temperature sensors	Pt1000
Installation	Return flow/forward flow horizontal/vertical					Data archive in non-volatile memory: hours/day/month	1488/184/60
Sensitivity to irregularity class	U3, D3						

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