Hydrosplit-M3

Thermal energy calculator split version

MID
Measuring Instrument Directive 2014/32/UE - Approved

EN 1434

Integrated Transmission

M-Bus wireless

Integrated Transmission

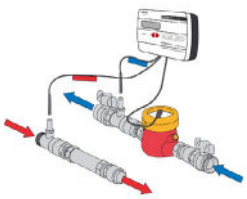
M-Bus

Description

HYDROSPLIT M3 is a separate (split) thermal energy calculator. Easily connectable to external flowmeters equipped with pulse output and to be installed on sites where because of pipe sizes larger than ¾" or hard to reach places, the compact heat meter cannot be used.

Main Features:

> Hot/cold combined
> 2 pulse inputs + 2 pulse outputs integrated
> M-BUS EN13757-2/3 output integrated
> Wireless M-BUS EN13757-4 output version on request
> Pre-equipped for external power supply



Standard version for installation on the return pipe. Version for installation on the flow pipe available upon request.

Technical features

Environmental class	A (E1; M1)
Temperature measuring range (Heating)	5 ÷ 180 °C
Temperature difference range (Heating)	3 ÷ 150 K
Temperature measuring range (cooling)	2 ÷ 24 °C
Calibration temperature	3 ÷ 20 K
Maximum measurable power	99 MW
Temperature sensor	PT 1000
Cable length for the temperature sensor	3 m / 10 m
Power supply	3 K ÷ 80 K
Max. Battery life (basic version)	lithium battery / external power supply
Protection class	10+1 years*
Display level	IP52
Display	6
Energy load indicator	LCD 8 digits + icons
Maximum cable length pulse emitter	MWh (GJ on request)
Input pulse rate	2 m
Pulse input	0.1 - 0.25 - 1.0 - 2.5 - 10 - 25 - 100 - 250 litres
Pulse input class	1 dedicated for the heating/cooling circuit meter
Display Pulse input maximum frequency (MID approved)	Class IA (default): Open Collector or reed contact, max 5Hz
Installation site of flowmeter (Flow in)	5Hz
Supported vector fluid	Return pipe (default), Supply pipe (optional)

*The battery life strongly depends on the data transmission frequency, set during the configuration process, and on the environmental conditions.

CMC-R

Hydrosonis-UP

MAG

WDC-R