

HYDRUS Ultrasonic Cold Water Meter - 50mm

EHM5050

Static ultrasonic water meter for accurate measuring and recording for all cold water applications.

FEATURES

- Open metering telegram
- Long-term stability under difficult conditions
- Leak detection
- Higher performance than class 2 requirements
- No calming sections required
- No measurement of air
- Design minimises sedimentation
- Mounting in any installation position
- Battery lifetime up to 16 years
- IP 68 permanent immersion
- Suitable for outdoor installation
- Displaying of error and alarm codes
- No over-run performance
- No magnetic influence
- Data logger for consumption values

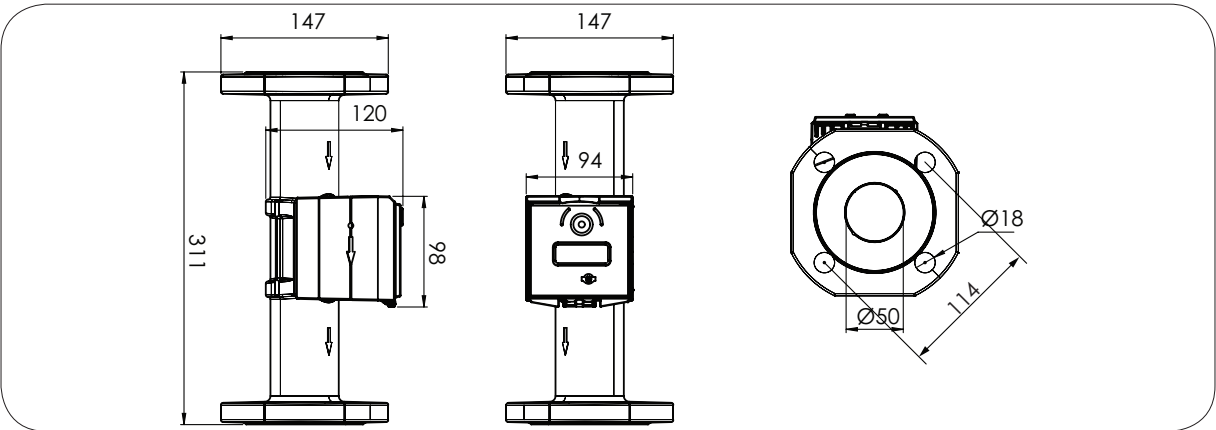


Product Codes

- EHM5050FR** DN50 with round flange kit, check valve and radio
- EHM5050FL** DN50 with round flange kit, check valve and radio/L-Bus + Pulse
- EHM5050FM** DN50 with round flange kit, check valve and M-Bus

General Data

Medium temperature range	1 - 50°C	Data storage	For events and for consumption values
Temperature safety	1 - 90°C	Approval	NMI R49, AS3565.1, AS3565.3
Ambient operating temperature	1 - 70°C	Strainer	Included
Ambient storage temperature	-20 - +50°C	Check Valve	Single check
Nominal pressure	1600 kPa	Connection	Round flange kit
Power supply	Two 3.6 VDC lithium batteries	Protection class	IP 68
Battery lifetime	Up to 16 years	Accuracy class	2
Interfaces	Optical, radio 434 MHz, M-Bus, L-Bus, pulse		



Version: Mar 18

Call 1300 369 273
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Technical Data Display

Display indication	LCD, 8-digit							
Unit	kL/hr	L/hr	kL	L	°C	°F	hr	d
Values displayed	Current total volume, Current flow rate, Remaining battery life (date), Error and alarms, Software version, Display test							

Interfaces

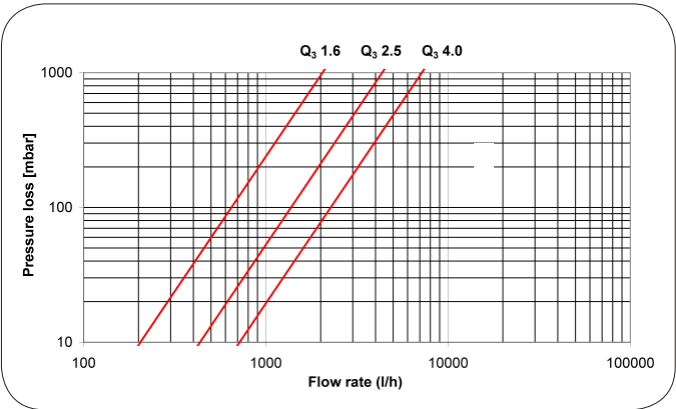
Optical (standard)	For configuration of display and radio telegram, for testing optical test pulses, to switch to the various displays (standard on all meters)
Radio (stocked)	434 MHz, real data telegram (configurable), Open Metering Standard
M-Bus	Automatic baud rate detection, configurable telegram, cable length 1.5 m
L-Bus	In combination with radio, cable length 1.5 m
Pulse	Two configurable pulse outputs, cable length 1.5 m



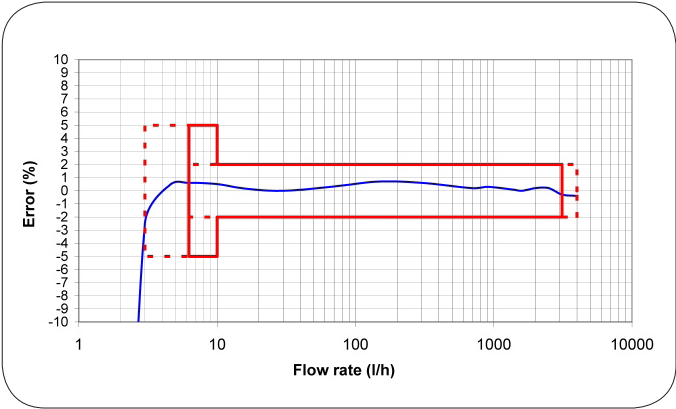
Technical Data

SIZE	MAXIMUM CONTINUOUS FLOW RATE (L/HOUR)	FLOW RATE RATIO	FLOW RATES (L/HOUR)			END CONNECTION
DN	Q3	Q1/Q3	Q1	Q2	Q4	Round Flange
50	25000	200	125	200	31250	50mm

Pressure Loss Graph



Typical Error Graph



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