

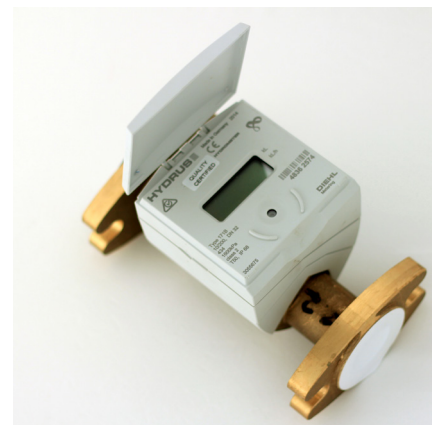
HYDRUS Ultrasonic Hot Water Meter - 32mm

EHM9032

Static ultrasonic water meter for accurate measuring and recording for all hot 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

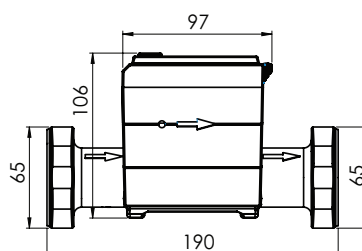
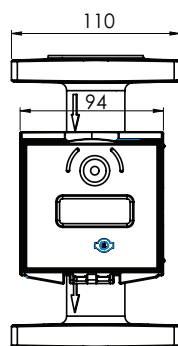


Product Codes

EHM9032FR	DN32 with oval flange kit, check valve and radio
EHM9032FL	DN32 with oval flange kit, check valve and radio/L-Bus + Pulse
EHM9032FM	DN32 with oval flange kit, check valve and M-Bus

General Data

Medium temperature range	1 - 90°C	Data storage	For events and for consumption values
Temperature safety	1 - 120°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	Oval 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: Aug 22

Call 1300 369 273
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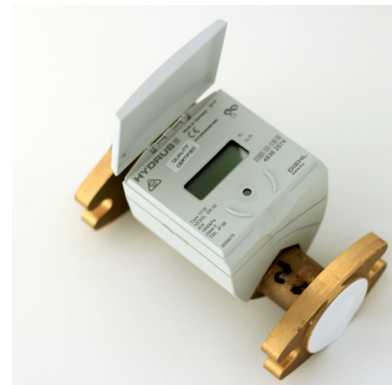
EHM9032

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

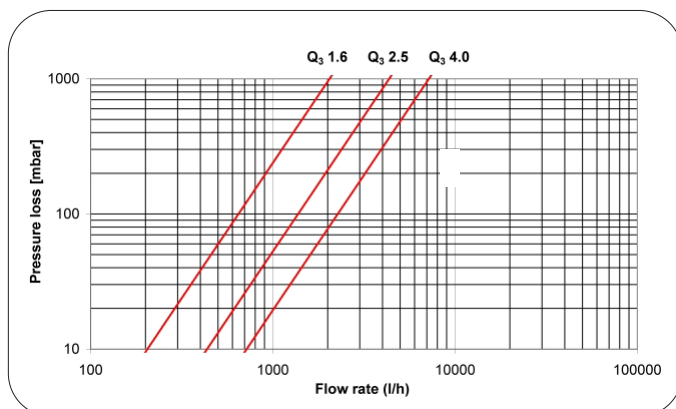
Optical (standard)	For configuration of display and radio telegram, for testing optical test pulses, to switch to the various displays (standard on all meters)
Radio (stocked)	434 MHz, real data telegram (configurable), Open Metering Standard
M-Bus	Automatic baud rate detection, configurable telegram, 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



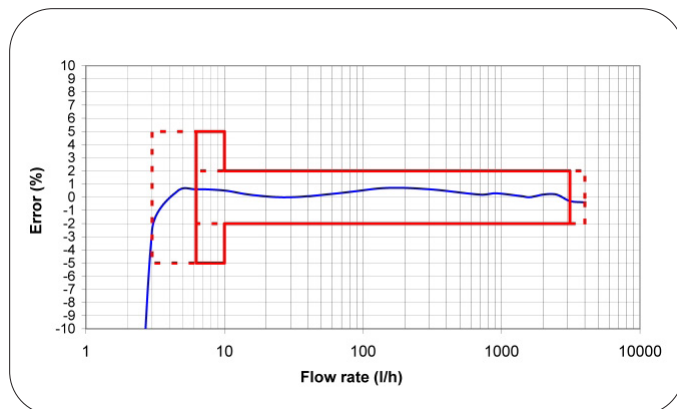
Technical Data

SIZE	MAXIMUM CONTINUOUS FLOW RATE (L/HOUR)	FLOW RATE RATIO	FLOW RATES (L/HOUR)			END CONNECTION
DN	Q3	Q1/Q3	Q1	Q2	Q4	Oval Flange
32	10000	200	50	80	12500	32mm
		250	40	64		
		315	31.75	50.8		
		400	25	40		

Pressure Loss Graph



Typical Error Graph



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