

Hydrus 2.0 Cold DN100 L483mm Ultrasonic Water Meter Radio/Pulse

Hydrus 2.0 Cold Ultrasonic Water Meter DN100 Radio / L-Bus / Pulse

KEY FEATURES

- NMI approved and WaterMarked with dynamic range up to R800
- Ultrasonic design minimises sedimentation
- Horizontal and vertical installation
- No magnetic influence
- U0 / D0, no need for calming sections
- Integrated radio communication based on Open Metering telegram (OMS Generation 3 or 4, Profile B)
- IP68 permanent immersion (suitable for outdoor installation)
- Higher performance than class 2 requirements
- Long-term stability under difficult conditions
- No measurement of air
- No over-run performance
- Display with error and alarm codes including leakage detection
- Battery lifetime up to 16 years
- Available in Cold Water DN 20, 25, 32, 40, 50, 80, 100, 150, 200
- Available in Hot Water DN 15, 20, 25, 32, 40



PRODUCT CODE

EHM50100X4FL	Hydrus 2.0 Cold DN100 L483mm Ultrasonic Water Meter Radio/Pulse
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Due to ongoing Research and Development, specifications may change without notice.
Component specifications may change on some export models.
Refer to warranty statement for warranty details - www.enware.com.au/warranty.

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TECHNICAL DATA

Check Valve	None
Couplings	None included
Inlet Connection	Round Flange 100mm
Outlet Connection	Round Flange 100mm
Medium Temperature Range	Min 1°C Max 50°C
Ambient Operating Temperature	Min 1°C Max 70°C
Ambient Storage Temperature	Min -20°C Max 50°C
Nominal Pressure	1600 kPa
Power Supply	3.6VDC
Battery Lifetime	Up to 16 years
Interfaces	WM-BUS OMS Radio (R3, R4), Wired PULSE
Frequency Band	434MHz
Sending Interval	15s
Data storage	For events and for consumption values
Approval	NMI R49, AS3565.1, AS3565.3
Protection Class	IP 68
Accuracy Class	2
Display Indication	LCD, 9-digit, additional symbols / display counter / unit
Values Displayed	Current Total Volume, Current Flow Rate, Remaining Battery Life, Error and Alarms, Software Version, Display Test
Maximum Continuous Flow Rate Q3	100000 L/hr
Dynamic Range Horizontal	800 (Q1/Q3)
Dynamic Range Vertical	250 (Q1/Q3)
Flow Rate Q1	125 L/hr
Flow Rate Q2	200 L/hr
Flow Rate Q4	125000 L/hr

