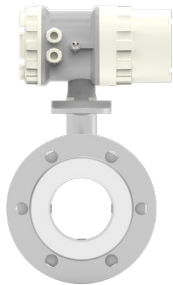




# Vitro EMeter Crysto-Secure AWS IoT Electromagnetic Water Meter W-EMXXX-IOT18

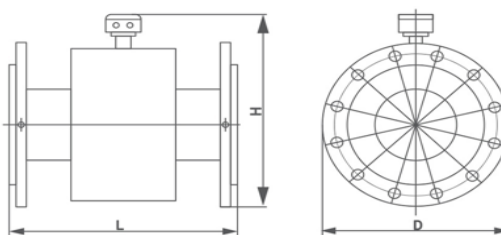


Technical Data	
Power Supply	11 - 40V DC
	110 - 240 VAC (optional)
Display	LCD, 2 Lines
Display Buttons	4 buttons
Accuracy	±0.4% of mv
Flow Direction	Bidirectional
Low Flow Cut Off	0 - 10%
Housing	Stainless Steel
Communication	CAN-Bus/Secure IoT
Datalogger	Integrated
Protection Class	IP67
Cable Output	M20 Gland
Signal Cable	RJ45
Cable Maximum	100 meters
Operating Temperature	-20°C to 60°C
Liner material	PTFE
Warranty	10 Years

Digital Characteristics	
Samplig rate	0.5 seconds fixed
Water Conductivity	50µS/cm or more
Alarms	Tamper - Empty pipe - Settings change - Reverse Flow
Standard Metering Unit	10 litres Fwd-Rev
High Speed Metering Unit	1 litre Fwd-Rev
	Fwd- Rev Forward metering net of reverse flow using reverse compensation method.

Piper Size (mm)	50	65	80	100	125	150	200
Minimum Flow Q1 (m³/h)	0.10	0.16	0.25	0.40	0.63	1.00	1.60
Transitional Flow Q2 (m³/h)	0.16	0.26	0.40	0.64	1.00	1.60	2.60
Permanent Flow Q3 (m³/h)	40	63	100	160	250	400	630
Maximum Flow Q3 (m³/h)	50	79	125	200	313	500	788
Meter Weight (kg)	4.5	5.0	5.5	6.5	7.5	9.5	15.0
Maximum Registration (m³)	999999.999						
Pressure Loss at Q3 (bar)	Less than 0.3 bar						

Dimensions (mm)	50	65	80	100	125	150	200
Length (L)	200	200	200	250	250	300	350
Flange (D)	102	121	133	159	190	216	272
Height (H)	275	287	294	324	345	400	455
Height (display)	350	362	369	399	420	475	530



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