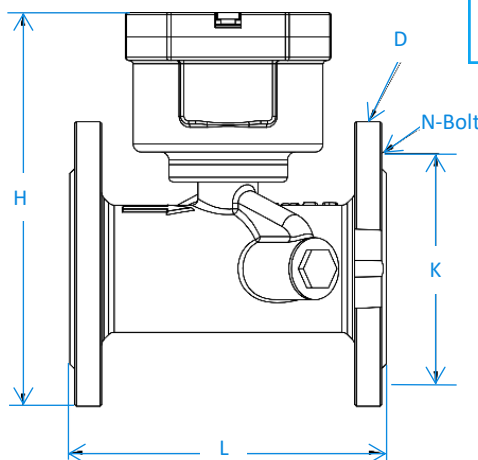
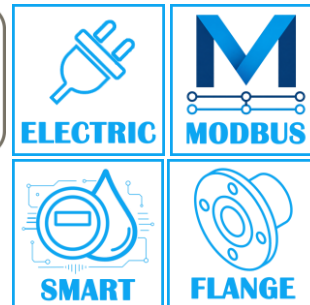


EPOXY-COATED ULTRASONIC DRY-DIAL MODBUS WATER METER WITH MODBUS RTU VIA 4-CORE RS485 INTERFACE (R250)

COMPLIES WITH ISO 4064: 2014



SIDE VIEW

Communication Protocol: Modbus RTU
Communication Interface: 4-core RS-485
Transmission Rate: 9600 bit/s

STANDARD SPECIFICATIONS

Water Temperature	0°C ≤ t ≤ 30°C
Operating Pressure	≤ 1.6 Mpa
Operating Voltage	12 V DC
Quiescent Current	≤ 0.006 mA
Meter-reading Current	≤ 4 mA
Battery Lifespan	6 Years (Estimated)
Communication transmission rate	9600 bit/s
Accuracy Class / Performance ratio (R)	R250

COMPONENT PARTS

ITEM	PARTS	MATERIAL
1	Lid	Aluminium
2	Sealed Register	PC+ABS+POM
3	Communications	Epoxy Resin Copper Silicon PA
4	Body	Epoxy-coated Ductile Iron
5	Impeller	ABS
6	Flange	Epoxy-coated Ductile Iron

FLOW RATE SPECIFICATIONS

SKU	SIZE (mm)	R [Q ₃ / Q ₁]		Q ₁ Minimum flow rate [m ³ / h]	Q ₂ Transitional flow rate [m ³ / h]	Q ₃ Nominal flow rate [m ³ / h]	Q ₄ Maximum flow rate [m ³ / h]
		Horizontal	Vertical				
WMSUN050F	50	R250	R250	0.100	0.160	25.0	31.250
WMSUN065F	65			0.160	0.256	40.0	50.000
WMSUN080F	80			0.252	0.403	63.0	78.750
WMSUN100F	100			0.400	0.640	100.0	125.000
WMSUN150F	150			1.000	1.600	250.0	312.500
WMSUN200F	200			1.600	2.560	400.0	500.000
WMSUN250F	250			2.520	4.032	630.0	787.500
WMSUN300F	300			4.000	6.400	1,000.0	1,250.000
WMSUN350F	350			6.400	10.240	1,600.0	2,000.000
WMSUN400F	400			10.000	16.000	2,500.0	3,125.000

DIMENSIONS

SKU	L(mm)	D(mm)	H(mm)	K(mm)	N-Bolt(mm)	B(mm)	WEIGHT(kg)	PCS/CTN
WMSUN050F	200	165	219	125	4-M16	120	9.80	1
WMSUN065F	200	185	231	145	4-M16	120	11.40	1
WMSUN080F	225	200	249	160	8-M16	120	13.20	1
WMSUN100F	248	220	258	180	8-M16	120	16.30	1
WMSUN150F	300	285	297	240	8-M20	120	26.80	1
WMSUN200F	350	340	445	295	12-M20	120	-	1
WMSUN250F	450	405	495	355	12-M24	120	-	1
WMSUN300F	500	460	555	410	12-M24	120	-	1
WMSUN350F	550	520	595	470	16-M24	120	-	1
WMSUN400F	600	580	650	525	16-M27	120	-	1

*1] Ensure the water meter is installed in the correct water flow direction.

2] Always select the correct size and specification for the meter.

3] These water meters can be installed in either horizontal or vertical positions, but the correct installation guidelines must be strictly followed. Failure to comply will result in damage to the meter and void the warranty.

4] For indoor installation only.

***Note: Tolerance for L is ±5%.**