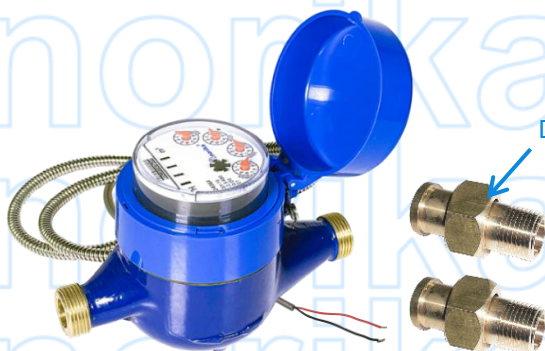


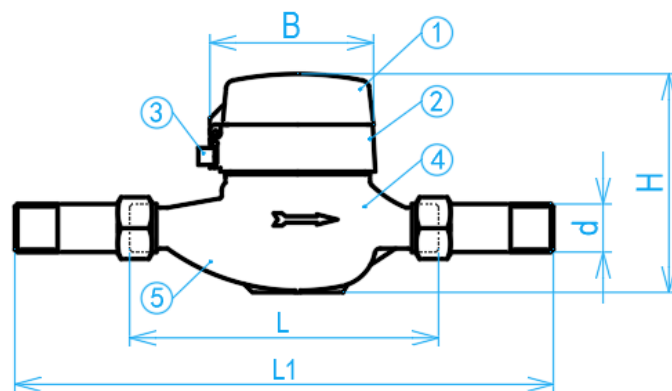
EPOXY-COATED MULTI-JET DRY-DIAL PHOTOELECTRIC DIRECT-READING WATER METER WITH MODBUS RTU VIA 2-CORE M-BUS INTERFACE (R80)



COMPLIES WITH ISO 4064: 2014



Communication Protocol: Modbus RTU
Communication Interface: 2-core M-Bus
Transmission Rate: 2400 bit/s



SIDE VIEW

STANDARD SPECIFICATIONS

Water Temperature	$0^{\circ}\text{C} \leq t \leq 30^{\circ}\text{C}$
Operating Pressure	$\leq 1.6 \text{ Mpa}$
Operating Voltage	24~42 V DC
Quiescent Current	$\leq 1.2 \text{ mA}$
Meter-reading Current	$\leq 5.6 \text{ mA}$
Battery Lifespan	6 Years (Estimated)
Communication transmission rate	2400 bit/s
Accuracy Class / Performance ratio (R)	R80

COMPONENT PARTS

ITEM	PARTS	MATERIAL
1	Lid	ABS
2	Sealed Register	PC+ABS+POM
3	Communications	Epoxy Resin Copper Silicon PA
4	Body	Epoxy-coated DN15~42: Brass DN50: Ductile Iron
5	Single Jet Impeller	ABS

FLOW RATE SPECIFICATIONS

SKU	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]	Maximum count
	Horizontal	Vertical					
WMSN015MB	R80	R50	0.031	0.050	2.50	3.125	9999
WMSN020MB			0.050	0.080	4.00	5.000	9999
WMSN025MB			0.079	0.126	6.30	7.875	9999
WMSN035MB			0.125	0.200	10.00	12.500	9999
WMSN042MB			0.200	0.320	16.00	20.000	9999
WMSN050MB			0.313	0.500	25.00	31.250	99999

DIMENSIONS

SKU	SIZE(mm)	L1(mm)	L(mm)	B(mm)	H(mm)	D(inch)	d(inch)	WEIGHT(kg)	PCS/CTN
WMSN015MB	15	260	164	93	117	G ¾"	R ½"	1.25	10
WMSN020MB	20	300	194	93	119	G 1"	R ¾"	1.44	10
WMSN025MB	25	346	224	93	127	G 1-1/4"	R 1"	2.06	8
WMSN035MB	32	355	229	84	137	G 1-1/2"	R 1-1/4"	2.84	5
WMSN042MB	40	375	245	84	169	G 2"	R 1-1/2"	4.22	4
WMSN050MB	50	450	299	84	195	G 2-1/2"	R 2"	8.12	1

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

2] Always ensure to select the correct size and spec for the meter.

3] All of the above water meters are suitable to be installed in the horizontal and vertical position. Failing to comply will result in damaging the meter and warranty will be voided.

4] For indoor installation only.

***Note: Weight tolerance is ±5%.**