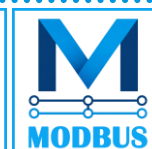
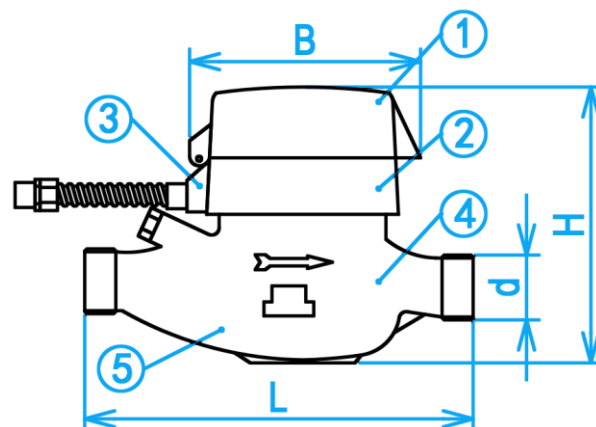


EPOXY-COATED MULTI-JET DRY-DIAL PHOTOELECTRIC DIRECT-READING WATER METER WITH VALVE CONTROLLED WITH MODBUS RTU VIA 4-CORE RS485 INTERFACE (R80)

COMPLIES WITH ISO 4064: 2014



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



SIDE VIEW

STANDARD SPECIFICATIONS

Water Temperature	0°C ≤ t ≤ 30°C
Operating Pressure	≤ 1.6 Mpa
Operating Voltage	12 V DC
Quiescent Current	≤ 0.4 mA
Meter-reading Current	≤ 4.2 mA
Battery Lifespan	6 Years (Estimated)
Communication transmission rate	9600 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 DN15~35: Brass DN42: Ductile Iron
5	Single Jet Impeller	ABS

FLOW RATE SPECIFICATIONS

SKU	R [Q ₃ / Q ₁]		Q ₁ Minimum flow rate [l / h]	Q ₂ Transitional flow rate [l / h]	Q ₃ Nominal flow rate [m ³ / h]	Q ₄ Maximum flow rate [m ³ / h]
	Horizontal	Vertical				
WMSN015V	R80	R50	31	50	2.50	3.125
WMSN020V			50	80	4.00	5.000
WMSN025V			50	80	4.00	5.000
WMSN035V			50	80	4.00	5.000
WMSN042V			200	320	16.00	20.000

DIMENSIONS

SKU	SIZE(mm)	L(mm)	B(mm)	H(mm)	d(mm)	D(mm)	Cable(mm)	WEIGHT(kg)	PCS/CTN
WMSN015V	15	165	95	120	G ¾"	R ½"	800	1.5	10
WMSN020V	20	195	95	120	G 1"	R ¾"	800	1.7	10
WMSN025V	25	225	97	130	G 1-1/2"	R1"	800	2.2	8
WMSN035V	32	230	104	137	G 1-1/4"B	R1-1/4"	800	2.6	5
WMSN042V	40	405	124	167	G 2"	R 1-1/2"	800	9.5	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 only 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% .**