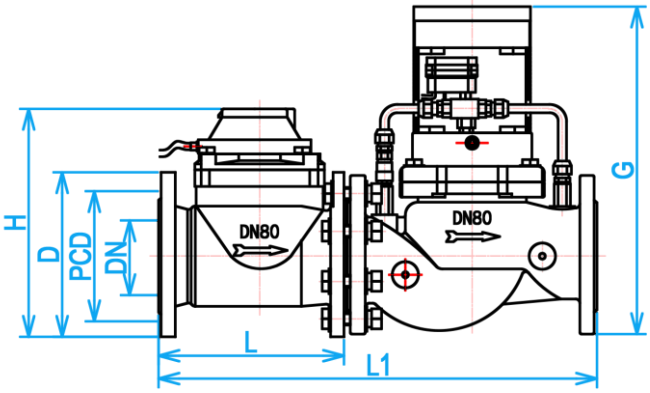
EPOXY-COATED WOLTMAN DRY-DIAL PHOTOELECTRIC DIRECT-READING WATER METERVALVE CONTROLLED WITH MODBUS RTU VIA 4-CORE RS485 INTERFACE (R100)

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	0.6~0.8 mA
Meter-reading Current	1.5~3.0 mA
Communication transmission rate	9600 bit/s
Accuracy Class / Performance ratio (R)	R100

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 Ductile Iron
5	Impeller	ABS
6	Flange	Epoxy-coated Ductile Iron

FLOW RATE SPECIFICATIONS

SKU	R [Q_3 / Q_1]		Q_1 Minimum flow rate [m³ /h]	Q_2 Transitional flow rate [m³ /h]	Q_3 Nominal flow rate [m³ /h]	Q_4 Maximum flow rate [m³ /h]	Maximum count
	Horizontal	Vertical					
WMSN050FV	R100	R50	0.40	0.640	40	50.00	99999
WMSN065FV			0.40	0.640	40	50.00	99999
WMSN080FV			0.63	1.008	63	78.75	99999
WMSN100FV			1.00	1.600	100	125.00	99999
WMSN125FV			1.60	2.560	160	200.00	99999
WMSN150FV			2.50	4.000	250	312.50	9999999
WMSN200FV			4.00	6.400	400	500.00	9999999

DIMENSIONS

SKU	DN (mm)	L/L1 (mm)	H (mm)	G (mm)	CONNECTING FLANGE		Bolt Tightening Torque	WEIGHT (kg)	PCS/CTN
					D	PCD			
WMSN050FV	50	200/445	256	400	165	125	70	24.00	1
WMSN065FV	65	200/535	266	400	185	145	70	32.20	1
WMSN080FV	80	225/525	276	400	200	160	70	44.40	1
WMSN100FV	100	250/582	250	430	220	180	80	41.24	1
WMSN125FV	125	250/563	301	400	250	210	120	-	1
WMSN150FV	150	300/700	345	500	285	240	120	103.10	1
WMSN200FV	200	350/750	373	500	340	295	115	-	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] This meters can be installed in the horizontal, vertical and inclined position.
4] The height "G" is necessary for removing the measuring element.
5] For indoor installation only.

*Note: Tolerance for L is ±5% .

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