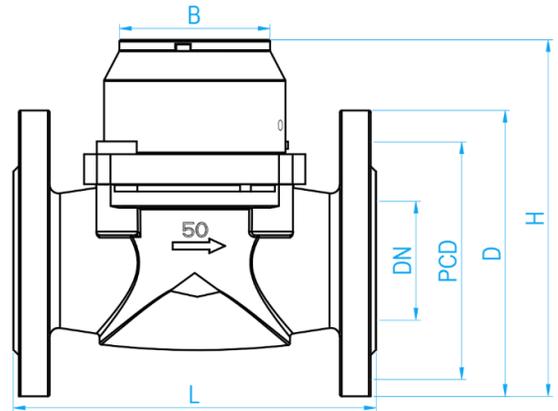


EPOXY-COATED WOLTMAN DRY DIAL PHOTOELECTRIC DIRECT READING WATER METER (R100/R80)



COMPLY WITH ISO 4064: 2014


 Wire material used: RS485 bus RVV4x (0.2-1mm²) shielded wire.

SIDE VIEW

STANDARD SPECIFICATIONS	
Water Temperature	0°C ≤ t ≤ 30°C
Operating Pressure	≤ 1.6Mpa
Operating Voltage	DC12V
Quiescent Current	1.0~1.3mA
Communication transmission rate	9600 B/S
Accuracy Class / Performance ratio (R)	R100 / 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 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 [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						
WMSN050F	R100	R50	0.40	0.640	40	50.00	99999.9	
WMSN065F			0.40	0.640	40	50.00	999999	
WMSN080F			0.63	1.008	63	78.75	999999	
WMSN100F			1.00	1.600	100	125.00	999999	
WMSN125F			R80	2.00	3.200	160	200.00	999999
WMSN150F			R100	2.50	4.000	250	312.50	999999
WMSN200F	R80	5.00	8.000	400	500.00	999999		

DIMENSIONS

SKU	DN (mm)	L (mm)	H (mm)	B (mm)	CONNECTING FLANGE			WEIGHT (kg)	PCS/CTN
					D	PCD	N*d		
WMSN050F	50	200	200	85	165	125	4*M16	8.60	1
WMSN065F	65	200	265	91	185	145	4*M16	11.96	1
WMSN080F	80	225	245	85	200	160	8*M16	13.50	1
WMSN100F	100	250	250	85	220	180	8*M16	15.60	1
WMSN125F	125	250	285	91	245	210	8*M16	22.00	1
WMSN150F	150	300	340	91	285	240	8*M20	34.76	1
WMSN200F	200	350	370	91	340	295	12*M20	48.00	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] Exclusively use in indoors installation.

***Note: The tolerance for L is ±5%.**