

Wolfman Water Meter Analog

with RS485-Modbus RTU



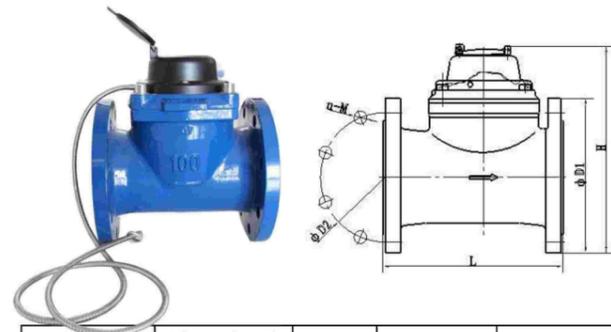
Overview

EDM Wolfman water meter has a very wide flow range and is well-suited for use in industrial, waterworks, water distribution, water monitoring, and agricultural applications.

Features

- Removable and interchangeable measuring element, easy to maintain
- Dry type register and vacuum-sealed to prevent water condensation inside and frost resistance
- Magnetic transmission keeps the register completely separate from water
- ISO4064 Class B, Accuracy: R=80 / R100
- Communication: RS485, Support Modbus-RTU Protocol; Modbus ID programmable
- Large flow capacity and small pressure lose
- Epoxy coated cast iron body with metal protective lid

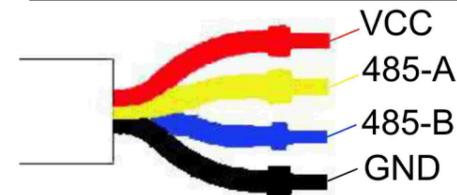
Dimensions



Wiring

RS485 Output:

Red 12VDC+	Black 12VDC-	Yellow 485A	Blue 485B
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Type	Nominal Size (mm)	Size (inch)	Length	Width	Height	Outside diameter D	Bolt circle Dia D1	Connecting Bolt (n-Md)
LXLC-50	50	2"	200	170	270	165	125	4-M16
LXLC-65	65	2-1/2"	200	175	270	185	145	4-M16
LXLC-80	80	3"	230	200	285	200	160	8-M16
LXLC-100	100	4"	250	225	290	220	180	8-M16
LXLC-125	125	5"	250	250	300	250	210	8-M16
LXLC-150	150	6"	300	290	350	285	240	8-M20
LXLC-200	200	8"	360	340	385	340	295	8-M20
LXLC-250	250	10"	450	410	450	395	350	12-M20
LXLC-300	300	12"	500	460	500	445	400	12-M20

Parameters

Nominal diameter (mm)	DN50	DN65	DN80	DN100	DN125	Dn150	Dn200	Dn300
Overload flow Q_4 (m ³ /h)	30.0	50	125	200	312.5	500	787.5	
Normal flow Q_3 (m ³ /h)	15	40	100	160	250	400	630	
Divide flow Q_2 (m ³ /h)	3.0	0.256	2.0	3.2	5.0	8.0	12.48	
Min flow Q_1 (m ³ /h)	0.45	0.16	1.25	2.0	3.125	5.0	7.8	
Accuracy level	Class 2, Level B							
Allowed working pressure	≤ 1.6MPa							
Water Temperature	0.1°C ~ +45°C							
Humidity	0 ~ 95%RH							
Temperature class	T30							
Pressure Level	MAP10							
Pressure Loss Level	ΔP63							
Shell material	Cast Iron							
Installation mode	Horizontal Installation							
Protocol	Modbus RTU							
Shell material	Iron							
Baudrate	1200bps, 2400bps, 4800bps, 9600bps							
Operational Voltage&Current	12VDC ±2V, 0.8 ± 0.1mA							

Maximum Permissible Error: