

Liquid Turbine Flow Meter

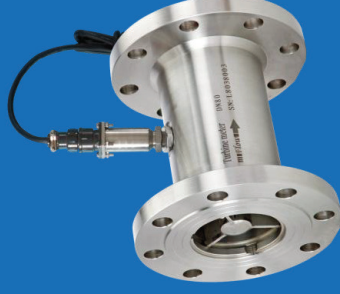
LWGY-E Digital Display Type



LWGY-A/N2 No Display Type



LWGY-N1 Pulse Output Type



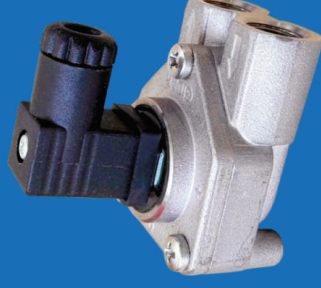
LWS Sanitary Type



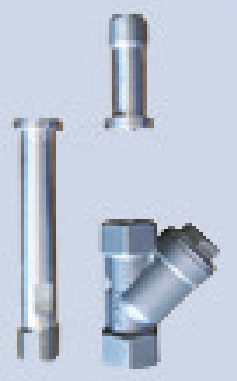
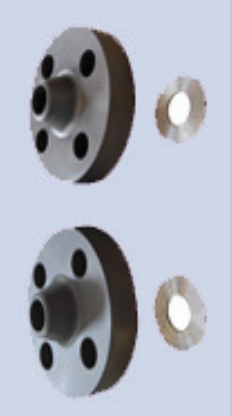
LWGY-Thread Type



Mini /Small Type



Sensor Connection Diagram

	Thread Type		DN4-DN10 is match for filter and straight pipe, other sizes are option
	Wafer Type		Matchable Flange
	Flange Type		Male Thread
	Tri-clamp Type		Clamp Chuck

【Main Specification】

Diameter	4-300mm
Accuracy	±1.0% of Rate ; ±0.5% of Rate
Ambient Conditions	
Operating Temperature	-20...+60 ° C
Fluid Temperature	-20...+150 ° C
Material	
Housing	SS304 ; SS316
Rotor	2Cr13 ; CD4Mcu
Bearing	Tungsten Carbide
High Pressure	400 Bar/40MPa
Connection	Thread; Flange; Wafer; Tri-clamp
Measure Viscosity	1 ...10 cst/Cp

Features

- ▶ Belong to the speedy flow meter (the speed of the impeller and is directly proportional to the velocity of the fluid)
- ▶ Magnetoelectric transducer (device) as a signal detector, can connect with various totalizer to achieve batch control or remote display
- ▶ The measurement of low viscosity without any impurities or corrosive liquid
- ▶ Without opening hole in sensor itself, is easy to make high pressure meter (up to 42MPa)
- ▶ Have pulse output signal, suitable for use in quantitative control system

Medium

- ▶ Tap water, pure water and alcohol
- ▶ Gasoline, diesel, kerosene, hydraulic oil, liquefied petroleum gas
- ▶ Any kinds of non-corrosive liquids, purity without impurities

Attention

- ▶ Can 't be used to measure the liquid containing impurities with solid, etc...
- ▶ Can't be used for measuring viscosity is higher than 15 CST liquid
- ▶ Far away from strong magnetic field environment,, slowly open the valve, avoid shock

Field Application

In Water Supplement Field



On the oil tank batch controller



On Diesel Measurement



For remote control by PLC in UAE



On Milk Measurement

