

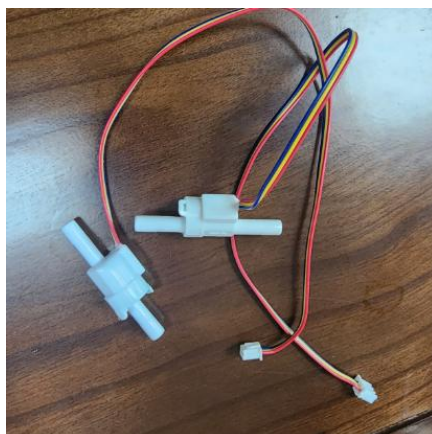
Hall flow meter (liquid) ML1502

Specification



MIC METERING (SHENZHEN) LIMITED

ML1502 Hall Flow Meter



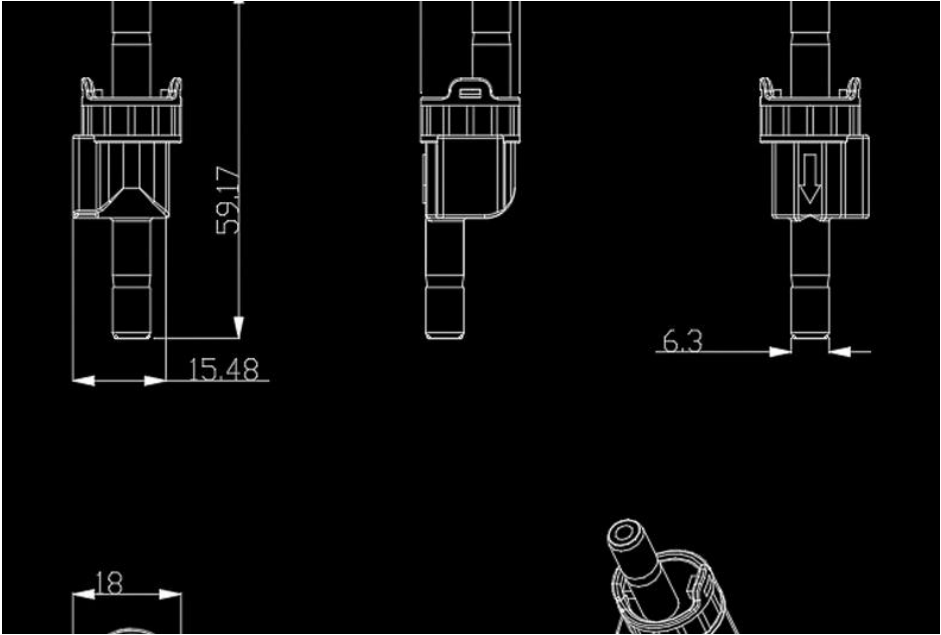
The water flow sensor mainly consists of a copper valve body, a water flow rotor component, and a Hall sensor.

Installed at the inlet end of the water heater, it is used to detect the inlet flow rate. When water passes through the water flow rotor component, the magnetic rotor rotates and the speed changes with the flow rate. The Hall sensor outputs corresponding pulse signals, which are fed back to the controller. The controller determines the size of the water flow rate and adjusts it accordingly.

I: Parameters

model:	YF-TM02
Voltage resistance:	<0.8mpa
Working voltage range:	DC3.5-24V
Voltage resistance:	<0.8mpa
Insulation resistance:	>100MQ
Load capacity:	<10MA (DC5V)
Usage humidity range:	35%~90% RH (frost free state)
Temperature range for use:	0~80°C
Output pulse high level:	>DC 4.5V (input voltage DC5V)
Output pulse low level:	<DC0.5V (input voltage DC5V)
Flow range:	0.3~4L/min soil 3%; 0.05-1L/min \pm 3%
Pulse characteristics:	Inner diameter 2.5mm (HZ)=[43 "Q] \pm 2% (horizontal test) That is, 2580 pulses per liter of water.
Inner diameter:	1.2mm (HZ)=[86 "Q] soil 2% (horizontal test) That is, 15160 pulses per liter of water.

II: Measurement (Two types of inlet diameters are available: 2.5mm, 0.3-4L/min; 1.2mm, 0.05-1L)



III: Wire and output

两种进水口内径可选:

进水口2.5mm
0.3~4L/min

进水口1.2mm
0.05~1L/min

接线方式

红	IN	接正极
黄	OUT	信号输出
蓝	GND	接负极