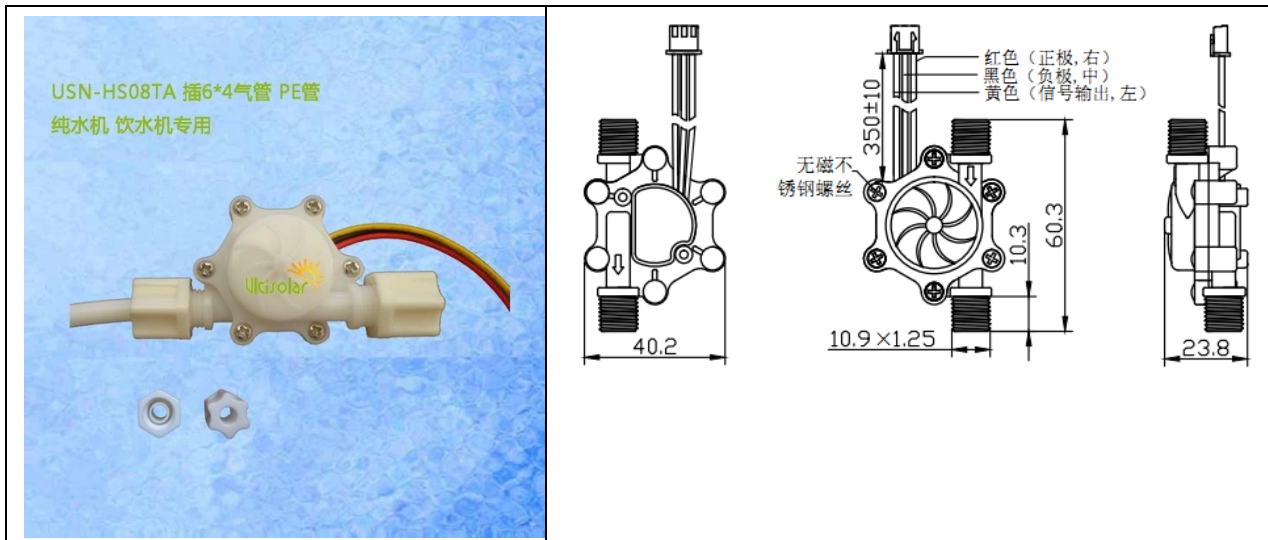


# USN-HS08A-4 Technical Data



外观 Appearance		图纸 Diagram	
<b>进水口 Inlet</b>	6mm 插 PE 管 For 6mm OD PE pipe	<b>出水口 Outlet</b>	6mm 插 PE 管 For 6mm OD PE pipe
<b>测量范围 Measuring Range</b>	0.15-1.5L/min	<b>使用介质 Liquid</b>	Water under 60°C (Tap Water Standard)
<b>工作电压范围 Working Voltage range</b>	DC4.5-18V	<b>额定工作电压 Rated working voltage</b>	DC 5V
<b>输出电压 Output voltage</b>	高电平 4.5V 以上, 低电平 0.5V 以下。 High level 4.5V and above; low level 0.5V and below		
<b>最大工作电流 Max. Working Current</b>	10mA	<b>脉冲输出占空比 Pulse output duty cycle</b>	50+ -10%
<b>密封性 Tightness</b>	封闭各孔, 加 0.8MPa 水压试验 1 分钟无渗漏和变形 Seal up all the holes, and inflate with 0.8MPa water, after 1 minute, no leakage and deformation.		
<b>绝缘电阻 insulation resistance</b>	100M 以上 100M and above	<b>累计流量特性 Accumulated flow</b>	1L=980Hz ±10%
<b>流量 脉冲 特性 Flow Pulse Features</b>	脉冲 (f) = 18*流量 (Q) (l/min) 误差: ±5% Pulse(f)=18*flow rate(Q)(l/min) error: ±5%		
<b>流量计接线图 Wire diagram</b>			

- 1、当磁性材料或对传感器产生磁力的材料靠近传感器时, 其特征可能有所变化。
  - 2、为了避免颗粒、杂物进入传感器, 在进水口必须安装过滤网。
  - 3、水流传感器可任意方向安装, 但要避开有较强震动和摇晃的环境, 以免影响传感器的测量精度。
1. When magnetic material is close with the sensor, its characteristics may vary.
  2. In order to avoid particle debris, the sensor must be installed after a filter.
  3. The flow sensor can be installed in any direction, but should be avoided from strong vibrating and shaking environment, so as not to affect the accuracy.