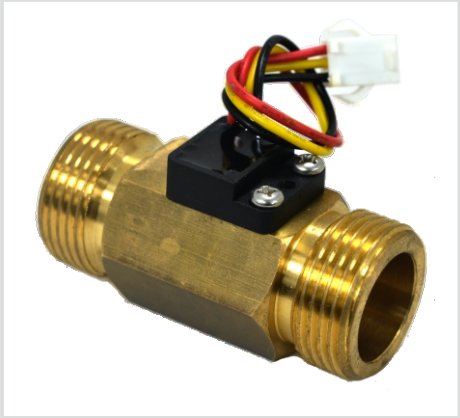
DOOZEN
Specilize in Switch&Sensor

F64S

Water Flow Sensor



The turbine flow sensor of the series F64 is a transducer for volume flow recognition or for fluid dosing use.
It has an almost unlimited application through its exceptionally compact design, its very wide measurement range and its convincing measurement accuracy.
The liquid flowing into the meter is divided by the guiding blades in four split beams. These hit the rotor from four directions and put it in motion. The uniform loading of bearing from four sides causes the forces to cancel themselves out for the most part and wear is reduced to a minimum.
The high temperature resistance material , ensure in addition an extraordinary life expectancy and hot environment.
The rotor speed is transmitted to an electrical pulse signal

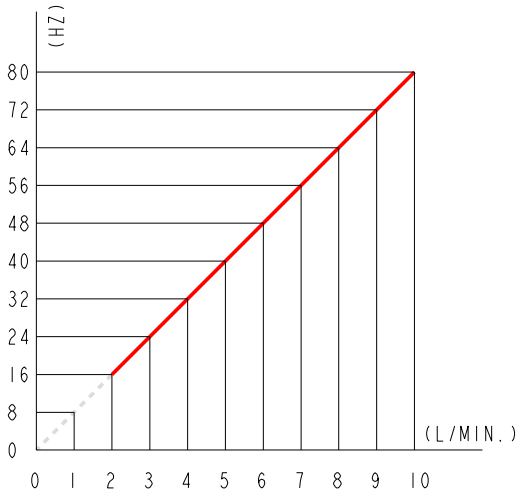
1 FEATURE

- Strong Copper material body material for high pressure proof
- High temperature motor and guiding blade material for hot environment application;
- Excellent media resistance (measuring
- element not in contact with the media)
- Excellent EMC characteristics
- Marginal loss of pressure
- Measuring element not sensitive to debris
  All in one - sensor + damming body

2 SPECIFICATIONS

Flow rate range:	5~30L/Min
Accuracy:	±10% of flowrate
Linearity:	±2.5% of flowrate
Repeoducibility:	±2.5% of flowrate
Pressure Rating:	1.8Mpa/180PSI(85° C)
Temperature range:	-20° C~125° C
Power:	3.0 DC: 2.5~5.5V @ 10uA Max
	5.0 DC: 4.5~18V @ 10mA Max
	24 DC: 4.5~40V @ 40mA Max
Signal Output:	open collector pulse
Body Material:	Copper
Fluid Connector:	G 1/2 Screw
Cable Length:	850mm (Customizable)
Dimensions:	60.0X32.0
Weight:	145g

3 CALIBRATION



Sensor model	Flow Connector Flow Range	K Factors	
		K-Factor	Pulses per Liter
F64S	OD=Φ18.5mm	f=8.0Q	480

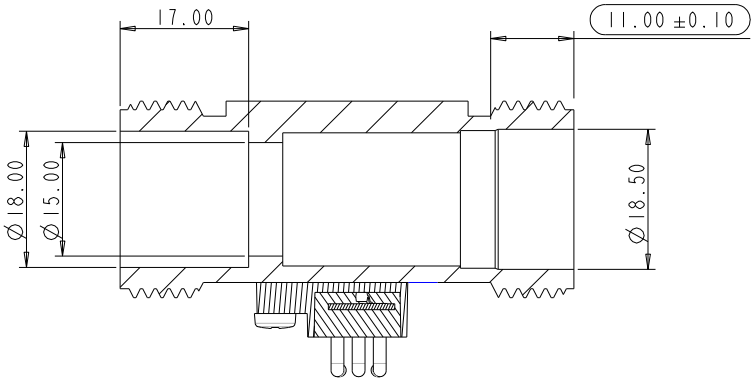
Specilize in Switch&Sensor

Shenzhen Doozen Electronics Co.,Ltd

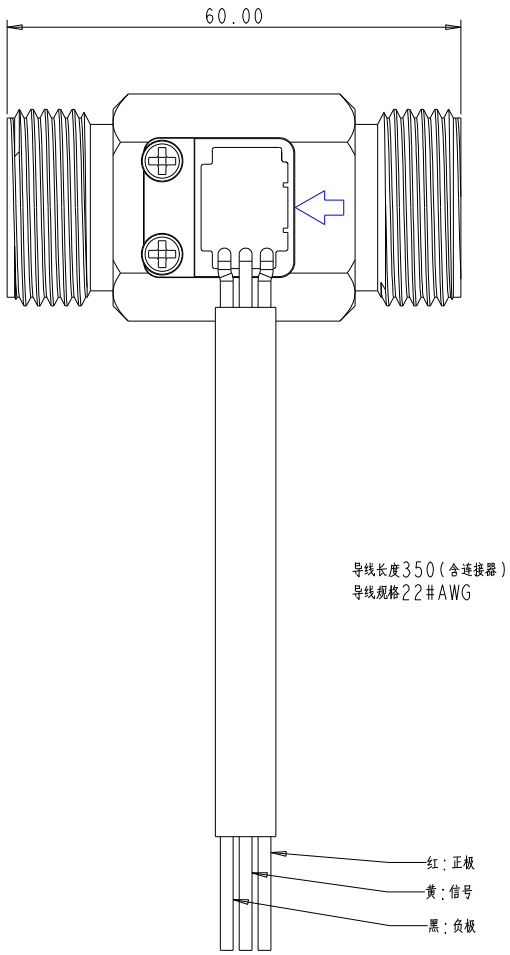
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Factory: Fourth floor, Building 1, Hengxin Smart Technology Part, Huizhou Ave, Shuikou street, Huizhou city Guangdong, China

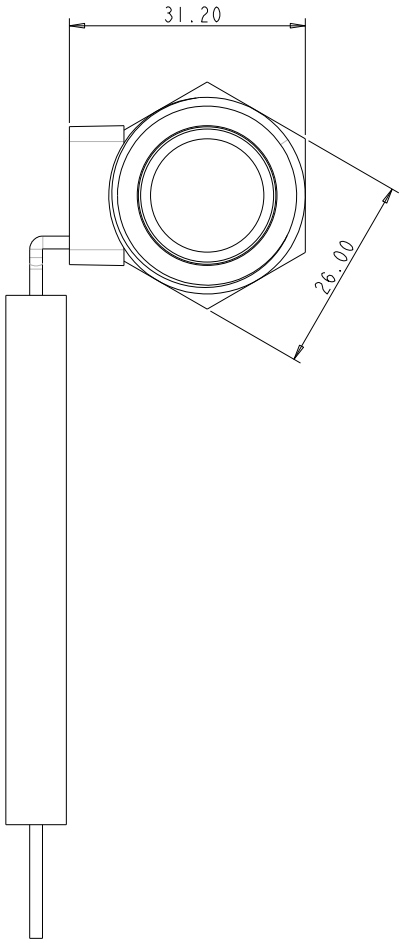
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4 DIMENSIONS & TYPE SELECTION



截面 B-B





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