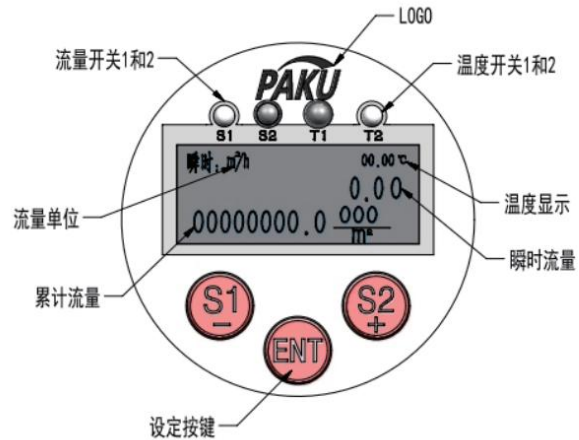
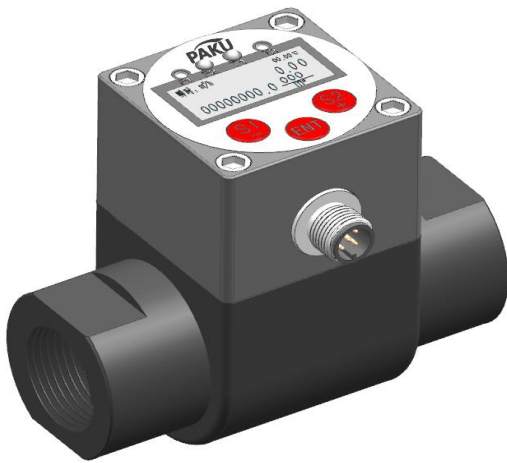


The principle characteristics

SN52D series impeller flow, temperature sensor and an intelligent flow, temperature switch, is a compact flow, temperature sensor, the advantages of small volume, easy to set etc, and built-in intelligent circuit, can be arbitrarily set the flow rate and temperature on the lower limit alarm value, can remote monitoring real-time flow, temperature conditions, all parameters of the scene any setting, The impeller measurement medium through the flow rate, temperature through the sensor intelligent circuit processing after arbitrary programming.

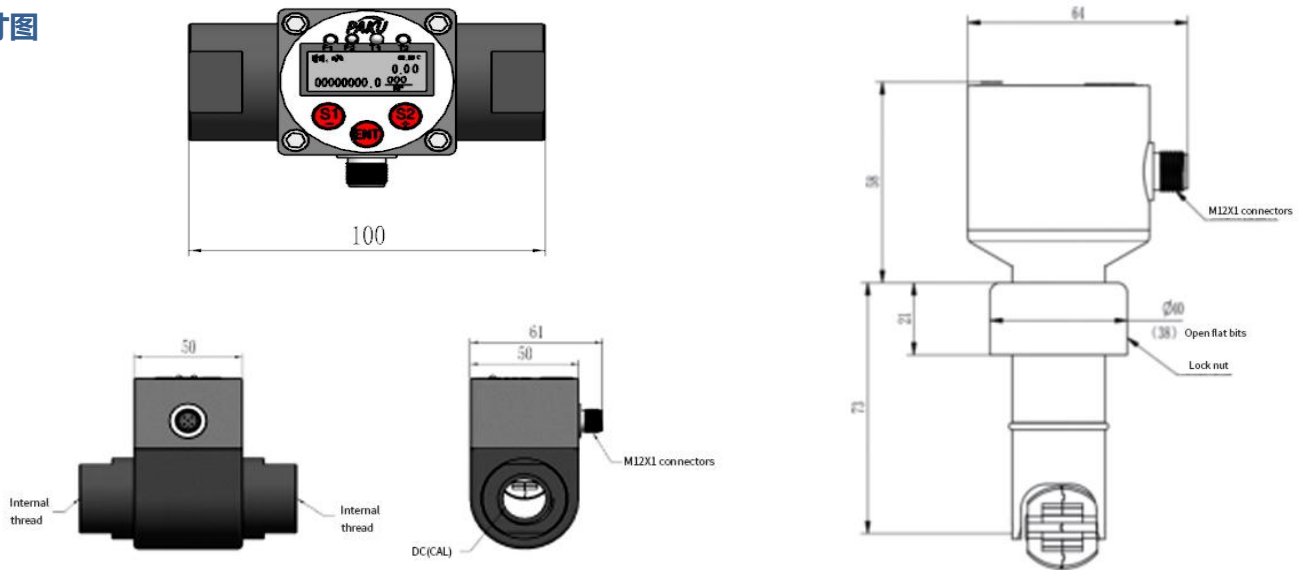
- ◆ Hall type pulse output, open collector PNP/NPN, strong driving ability
- ◆ It has high chemical corrosion resistance
- ◆ IP65 protection rating, suitable for harsh field environment
- ◆ Insertion is easy to install
- ◆ Good stability and anti-interference ability
- ◆ The reliability is good and maintenance-free



技术指标

Velocity range		0.15 ~ 6m/s
Pipe diameter range		DN10-DN32
The power supply voltage		DC 5 ~ 24V
Repeatability accuracy/linear accuracy		±0.5% Full scale/±1.0%Full scale
Minimum Reynolds number		4500
Temperature and pressure	PP ontology	12.5bar@25°C 5bar@90°C
	PVDF ontology	14.0bar@25°C 5bar@100°C
Flow components	Body of sensor	POM/Aluminum/stainless steel
	o-rings	FPM/EPDM
	The impeller	PVDF
	Bearing/shaft	High temperature oxidation pick ZrO2 (ceramic), titanium alloy, Hastelloy C

尺寸图



选型表

SN52D-	1	A	1	A	1	B	1	0-100	A	detailed
SN52D-										SN52D series impeller flow, temperature integrated
	1									plug-in
	2									pipeline
		A								Diameter: DN10
		B								Diameter: DN15
		C								Diameter: DN20
		D								Diameter: DN25
		E								Diameter: DN32
		DN.								Specify pipe diameter when ordering
			1							Internal thread connection (pipe type only)
			2							External thread connection (pipe type only)
				A						Display head material: PVC
					1					Shaft: ZrO2
						A				Display material: POM
						B				Display material: aluminum
						C				Display material: stainless steel
							1			Body material: POM
							2			Body material: aluminum
							3			Body material: stainless steel
									Customized temperature range: 0-100°C
									A	Two flow switches
									B	2 temperature switches +1 temperature 4-20mA output
									C	2 temperature switches +1 temperature 4-20mA output
									D	1 temperature 4-20mA output
									E	2 analog quantities 4-20mA output (temperature, flow rate)
									F	4 switching quantities (temperature, flow rate)
									G	4 switching quantities (temperature, flow rate) +2 analog quantities 4-20mA output (temperature, flow rate)

* The selection table is only for parameter selection, and the corresponding codes of parameters are delivered.