

Product overview

The FCB moment target flowmeter is a new moment target flowmeter developed based on the new sensor technology and modern digital technology. It's characterized by traditional target type, pore plate, vortex street flowmeters with no movable parts. It has the measurement accuracy which is comparable to that of volumetric flowmeter, the unique anti-interference and impurity resistance performance and the advantage of being light and reliable and is widely used for all fields (such as petroleum, chemical engineering, thermal power generation, lithium battery new energy, food, environmental protection and hydraulic engineering).

Product features

- Applying to various pipe diameters: $\Phi 15 \sim \Phi 2000\text{mm}$ (maximum);
- Wide measurement scope: Maximum measurement scope-1:30;
- Accurate measurement: $1 \text{ m}^3 / \text{h}$ to larger (the form parameter flow can be smaller);
- Body material: Carbon steel, 304,316,316L;
- Protection grade: IP65; IP67;
- Explosive-proof grade: Intrinsic safety type ExiallCT4; Flame-proof type Exd II BT4;
- Applicable to high/low temperature medium: $-196^\circ\text{C} \sim +700^\circ\text{C}$. It's capable of accurate measurement of the flow of liquid, gas, steam and various fluid media (such as viscous medium) under working conditions (such as various temperatures, high temperature and low temperature);
- Extremely high sensitivity, and able to measure the super small flow and the low flow velocity: $0.08\text{m} / \text{s}$.



Product model selection

FCB	Moment target flowmeter						
FCB-	Connection type Q Taper thread type W Flanged pipe type T Online detachable type E Clip-on type R Plug-in type						
	Medium type Y Liquid Q Gas Z Steam						
	Nominal caliber *** (100 indicates pipeline nominal diameter: DN100)						
	Medium temperature C Normal temperature: $-20 \sim +70^\circ\text{C}$ G High/low temperature: $-196^\circ\text{C} \sim +701^\circ\text{C}$						
	Nominal pressure A 0.6Mpa B 1.0Mpa C 1.6Mpa D 2.0Mpa E 2.50Mpa F 4.0Mpa G 5.0Mpa H 6.3Mpa I 10Mpa J 11Mpa K 15Mpa L 16Mpa M 20Mpa N 25Mpa Q 26Mpa U 42Mpa						
	Enclosure material Z Carbon steel N Stainless steel						
	Compensation method T With temperature compensation P With pressure compensation						
	Output mode F Secondary instrument display S Pulse transmitting I 4~20mA voltage transmitting H Hart protocol						
	Explosion-proof type D Intrinsic safety type E Explosion-proof type						
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