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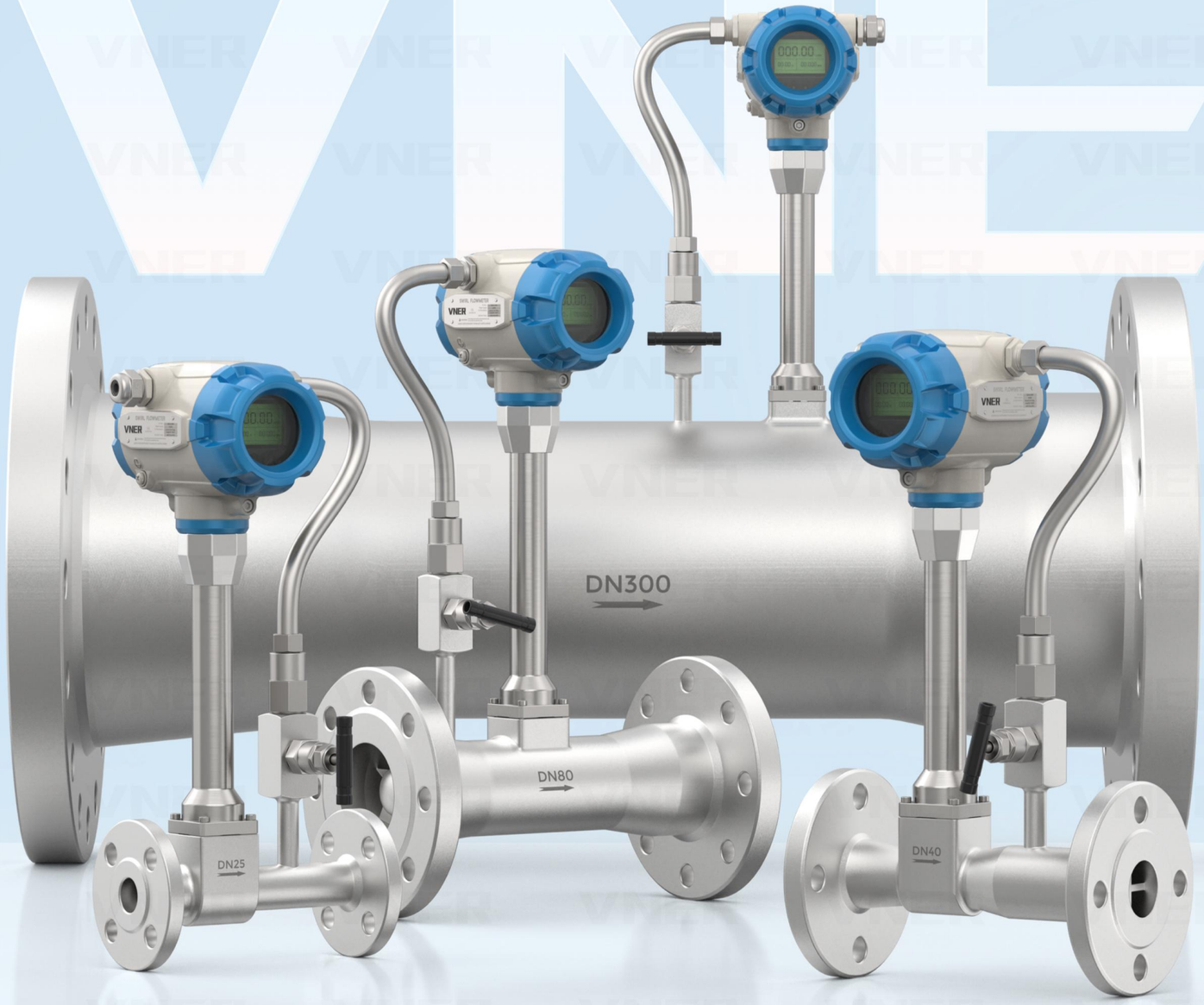

SWIRL FLOWMETER

SA80T SERIES

JIANGSU VNER ELECTRONIC TECHNOLOGY LTD

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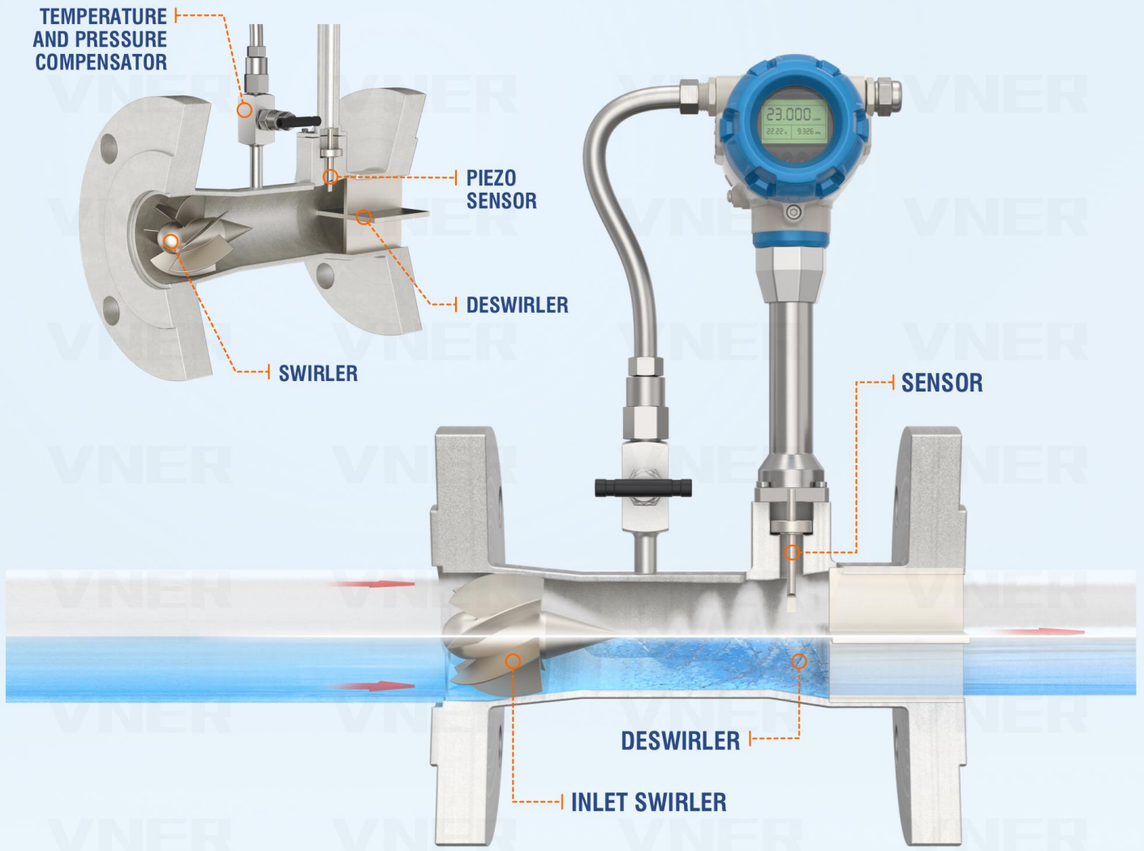
PRODUCT DESCRIPTION

Swirl flow meter is a device renowned for its dependability and versatility, with a simplified structure that facilitates ease of use. This flow meter is equipped with DSP capabilities that reinforce its anti-interference features. The circuit module comprises components that meet high-reliability and durability standards, while the surface mount modular design eliminates low-reliability components such as potentiometers and plugs. These features instil the flowmeter with impeccable stability and accuracy. The SA80T flowmeter is an ideal solution for applications that require a reliable and accurate flow instrument.

PRODUCT FEATURES

- No straight pipe section required for installation, no special requirements for flow field.
- Reinforced piezoelectric probe with high sensitivity.
- Full digital processing, strong anti-interference performance.
- Rangeability: standard model 30:1, enhanced model 100:1.
- No moving parts, accurate measurement of aqueous gases, self-cleaning inner chamber.
- All stainless steel, optional cast aluminium and other special materials, applicable for corrosive mediums.
- TP model comes with built-in temperature and pressure sensors, online pressure calibration available.
- Suitable for a wide range of gases including hydrogen.



TECHNICAL CHARACTERISTICS

- Nominal Diameter(mm): DN (15-700).
- Measuring medium: gases, liquids and vapours.
- Process temperature: (-180~+400) °C.
- Accuracy rating (%): Gas ± 1%, Liquid ± 0.5%.
- Repeatability: gas (better than 0.1%), liquid (better than 0.07%).
- Minimum measuring flow rate: 0.5m/s.
- Output: (4~20)mA, HART communication, RS485 optional.
- Intrinsically safe design & explosion-proof design.

■ Typical applications: gases (including hydrogen), liquids and vapours

We adapt to local regulations, we strive to deliver quality solutions and we are constantly trying to reduce our environmental impact.

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