

## KVAF Intelligent Metal Variable Area Flowmeter

## Main Features

KVAF intelligent metal variable area flowmeter has local display type and intelligent remote type. Intelligent remote type provides customers with very flexible options such as pointer display, LCD display for instantaneous flowrate or total flow, standard two-wire 4~20mA current output, HART communication, etc. Besides, the meter adopts advanced microprocessor and high quality industrial components to ensure superior performance in various applications.

According to different installation pattern of measuring tube, when flow direction is from bottom to top, from left to right or from right to left, different installation type can be selected as per the customer requirements. Matching M6 indicator on the measuring tube will be the intelligent remote type. M6 indicator is the multifunction digital magnetic measurement transmitter designed for KVAV intelligent metal variable area flowmeter, which core is the MCU and adopts magnetic transducer to measure magnetic field change through digital signal processing technology such as digital filtering, software amendment, etc. Two-line LCD display provides a good interactive interface, and current signal output and Hart communication provide more selections for customers.

- Very suitable to small diameter and low velocity
- Simple structure , reliable performance, low maintenance and long service life
- Low requirements for straight pipe
- Wide turndown ratio: 10:1
- Local display type and intelligent remote type
- Single-axis sensitive indicator
- Non contact magnetic coupling system to ensure stable data transmission
- Can be used in flammable and explosive dangerous situations
- Protection grade: IP65

### Main features of intelligent M6 indicator

- Measure the angle displacement of magnetic field
- LCD display for instantaneous flowrate or total flow alternately
- Parameter setting can be realized
- Data recovery function
- HART Communication
- Single-axis sensitive indicator
- Backlight LCD display
- Intrinsical safe type and flameproof type available