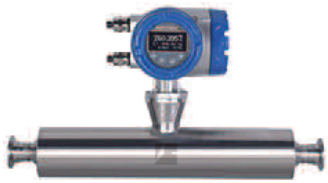
CORIOLIS MASS FLOW METER

KA-S SERIES - SANITARY TYPE S VERSION

Flow Measurement & Monitoring



DESCRIPTION

The KF910 Coriolis mass flow meter can measure the flow of ordinary conductive liquid,but also can be used for the volume flow of pure water and gas-liquid two-phase suspension liquid. It offers strong anti-interference ability and high measurement accuracy. The flow signal is linear to the average flow rate and is not affected by changes in fluid density, viscosity, temperature, pressure and conductivity. The KA series uses tri-clamp connection. Widely used in industries that requires sanitary requirements like chemical industry, pharmaceutical, food and beverage, etc.

FEATURES

- ✓ Tri-clamp connection - S version
- ✓ For sanitary/hygiene requirements
- ✓ Display of mass flow, mass totalizer flow, cubic flow, cubic totalizer flow, density
- ✓ High accuracy and repeatability
- ✓ 4-20mA, frequency, pulse output
- ✓ Communication: RS485/HART
- ✓ Explosion Grade: Ex d llC T6 Gb

TECHNICAL FEATURES

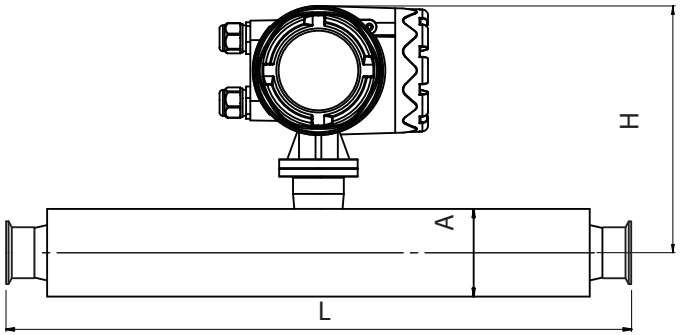
DN size	DN15 to DN50
Material	316L
Accuracy	0.1, 0.15, 0.2, 0.3
Velocity	0.3m/s to 10m/s
Working temperature	≤ 100°C for compact version/ 100 to 125°C (optional)
Working pressure	0.6 Mpa to 4.0 Mpa (based on size)
IP	IP65, IP67 (transmitter), IP68 (remote)
Output	4-20mA, frequency, pulse
Power supply	220VAC/24VDC (universal power supply)
Installation	Compact
Connection standard	ISO2852, BS4825
Display	OLED
Decimal	3
Display unit	Mass flow: kg/s, kg/m, kg/h, t/s, t/m, t/h Mass totalizer flow: kg, t Cubic flow: L/s, L/m, L/h, m^3/s, m^3/m, m^3/h Cubic totalizer flow: L, m^3 Density: g/cm^3, g/L, kg/L, kg/m^3
Communication	RS485/HART
Explosion grade	Ex d llC T6 Gb

FLOW RANGE

DN (mm)	Flow Range (kg/h)	Zero Stability (kg/h)	Accuracy
15	300 - 3000	0.20	0.10, 0.15 0.20, 0.30
25	1500 - 15000	1.25	
40	3500 - 35000	3.00	
50	5000 - 50000	4.00	

DIMENSION/DRAWING

Straight Tube Design



DN (mm)	Pressure	L (mm)	A (mm)	H (mm)
15	PN16	498	76	202
20		498	76	202
25		531	89	214
32		531	89	214
40		620	114	226
50		712	133	236