



KTR-550-F-T

Turbine Flow meter Reliable
Measurement and Cost-effective

■ FEATURE

- CE - LVD(2014/35/EC), EMC(2014/30/EU), RoHS(2011/65/EU)
- Flange type or screw (male or female) type is selectively available.
- Relatively low cost
- DC / AC power type or battery type is selectively available
- Wide range of application to fluids at low temperature to high temperature
- Applicable to varied fluids such as liquids, gases, etc.
- Capable of providing outputs of varied signals outward
- Can be freely installed horizontally and vertically
- Can be manufactured from small to large diameter

■ APPLICATIONS

- ▶ General industry
- Utility Use : Auxiliary and supply lines used in energy distribution
- ▶ Chemical and Other Process industry
- Condensate and Coolant
- Batching and mixing in the reactor
- ▶ Machinery and Equipment (OEM industry)
- Coolant, Coolant, Lubricant, Air supply
- ▶ Paper and Pulp industries
- ▶ Iron and Metal Processing field

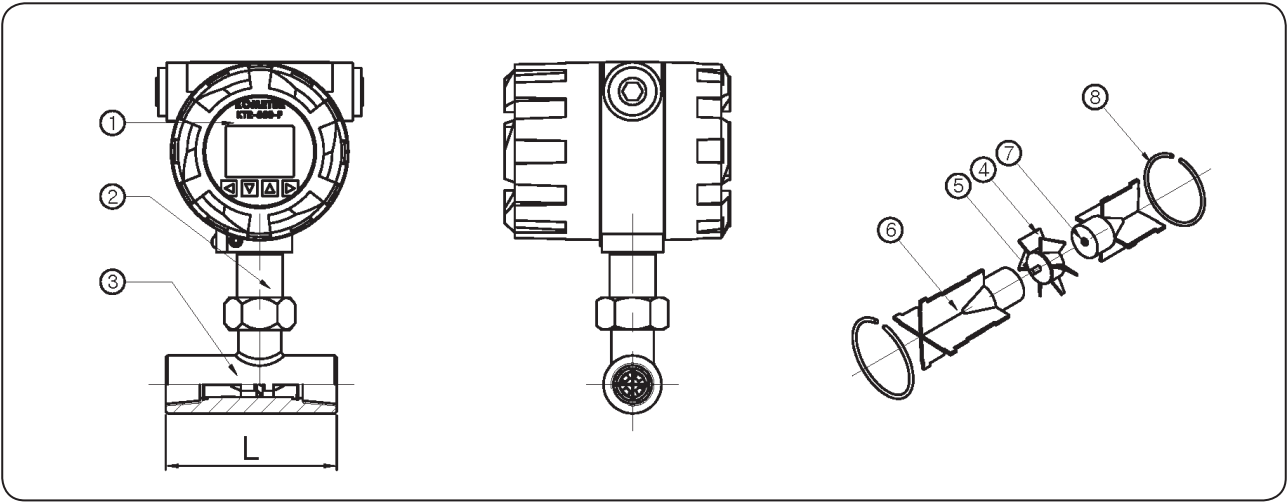
■ KTR-550-F-T General Specifications

Size	6A (1/4") - 25A (1")
Process Connection	Flange type - KS / JIS / ANSI / ASME / DIN Std. Taper Pipe Thread type (PT)
Measured Fluid	Liquid
Flow Ranges	Water - 0.06 m ³ /h ~ 10 m ³ /h
Accuracy	±0.5 % F.S (Option ±0.2 % F.S)
Fluid Temperature	-20 °C ~ 120 °C (Option -200 °C ~ 450 °C)
Ambient Temperature	-25 °C ~ 60 °C
Max. Pressure	Under 1B - Max. 350 kgf/cm ² .G More than 1-1/2B - Max. 60 kgf/cm ² .G
Power Supply	AC 220 V / DC 24 V / 3.6 V battery
Display	3-1/2 LCD (Flow rate), 7 Digit LCD (Integration)
Output	DC 4-20 mA, Pulse RS-485, Contact 2P High, Low
Explosion Proof Class	Ex d IIC T5
Ingress Protection Grade	IP67

■ MODEL CODE

K T R - 5 5 0	-	□	-	□	Specification
		S			Output DC 4-20 mA without Indicator
		F			AD 110/220V or DC 24V (4-Wire) type with Indicator
		MF			3.6 V battery type with Indicator
				F	Connection - Flange Type
				T	Connection - Screw Type (Male, Female)

STRUCTURAL DRAWING



FLOW RANGE & DIMENSIONS

Size		L (mm)	Flow ranges (m³/h)
Sensor	Connection		
6A	3/8B ~ 1/2B	80	0.06 ~ 0.6
10A			0.12 - 1.2
15A	1/2 B	130	0.4 - 4
	3/4 B	100	
20A	3/4 B	130	0.6 - 6
25A	1 B	140	1 - 10

STANDARD MATERIAL

No.	Description	Material	
		Normal	Option
1	Indicator	ADC12	
2	Pickup case	ADC12	
3	Body	304SS	316SS
4	Rotor	CD4MCH	
5	Support	304SS	316SS
6	Rotor Shaft	TUNGSTEN CARBIDE	316LSS

INSTALLATION PRECAUTIONS

