

CREATE ROC FCT-8350 Flow Meter



➤ Application:

Widely used for online measurement of acid & alkaline in low concentrations and the low viscosity single-phase fluid of non-trade settlement process.

➤ Characteristics:

- ✚ K coefficient and standard diameter/ non-standard of a variety of settings way, flexible and convenient.
- ✚ Different kinds of the engineer working load could be chosen, it can meet the measurement standards of different country and region;
- ✚ Programmable instantaneous flow lower limit alarm, the frequency pulse of instantaneous flow rate, direct sensor pulse integrating volume frequency division, integrating volume pulse and many kinds of control mode for selection, it can meet different process control requirements;
- ✚ To start the polyline modification for the measurements to provide better precision correction;
- ✚ Compatible with tangential type/axial type pulse sensor;
- ✚ Small signal cutting and small signal correction function, to meet the operation compensation under low flow rate condition;
- ✚ 3.5 inch screen, Multi-parameter display and Chinese/English for selection, Heuristic operation.
- ✚ Semiconductor photoelectric relay (non contact), switch control/proportional pulse control;
- ✚ Isolated, transferable 4~20mA current output, two points transmitting range random setting within full scope;
- ✚ It can achieve the ratio of flow parameter pulse pharmacy dosing and preset flow concentration of RO water control;
- ✚ Measurement/control/transmission each unit can complete electrical isolated, each other without any interference;
- ✚ Can program Current transmitting between any two points in whole flow range;
- ✚ Industrial standard wire contact, EMC electromagnetic compatible design, platform design development, serial product classification;
- ✚ Meeting High humidity site safety power supply regulation, DC 24V with standard.

➤ **Main Technique Features:**

Model		FCT-8350
Measurement Range	Flow Rate	(0.5~5)m/s
	Instantaneous flow	(0~2000) m ³ /h
	Cumulative Flow	(0~99999999) m ³
Applicable Pipe Diameter		DN 25~DN 1000 for selection
Resolution		0.001 m ³ /h
Renew Interval		1S
Accuracy		2.0 level
Repeatability		±0.5%
Probe Input		Range : 0.5Hz~2KHz(0.5~5m/s) Power supply: DC 12V (instrument supply)
(4~20)mA Output	Channels	Single
	Characteristics	Instrument/transmitter double mode (fully isolated)
	Loop resistance	500Ω(max), DC 24V;
	Accuracy	±0.1mA
Control Output	Channels	Single
	Contacts	Semi-conductor photo electronic relay
	Load Capacity	Load current 50mA (max), AC/DC 30V (max)
	Control Mode	Instantaneous flow high/low limit alarm, flow variable frequency conversion, probe frequency division, integrating value frequency division, OFF function
Working Power		Working voltage: DC24V ±4 V power consumption: <3.0W
Cable Length		5m as standard ; or (1~500) m for selection
Working Environment		Temp.:(0~50)°C; relative humidity: ≤85%RH
Storage Environment		Temp.: (-20~60) °C; relative humidity: ≤85%RH (non condensation)
Protection level		IP65 (with back cover)
Dimension		96 mm×96 mm×94mm (H×W×D)
Hole size		91mm×91mm (H×W)
Installation		Panel mounted, fast installation
Probe	Material	Engineering plastic+ glass fiber
	Flow range	(0.5~5)m/s
	Pressure	≤0.6MPa
	Power supply	DC 12V
	Output pulse	Vp≥8V
	Installation	Insert pipe directly
	Diameter	DN 25~DN 350, or specified for larger pipe diameter
	Medium properties	Single-phase fluid (0~60) °C