

CI-PC56V Process Hydrogen Analyzer

Technical Specifications

Measure Range:	0-50% H ₂ FS ranges;
Accuracy:	<±2% of FS range under constant conditions;
Application:	H ₂ analysis from 0 to 50% in different thermal conductivities of gas components.;
Approvals:	ISO9001:2008;
Area Classification:	General purpose;
Alarms:	2 adjustable form C relay contacts non-latching;
Compensation:	Barometric pressure and temperature; optional heated sample system and sensor housing;
Connections:	1/4" or 1/8" compression tube fittings;
Controls:	Menu driven calibration, alarm and system functions;
Data Acquisition:	Selectable data point intervals;
Display:	Graphical LCD 128×64MM;
Enclosure:	Painted aluminum 144(H)×144(W)×295MM(D);
Flow Sensitivity:	200~400ml/min recommended;
Pressure:	Inlet - regulate to 0.05MPa~0.35MPa, Vent – atmospheric;
Power:	Universal; 85~264 VAC, 50/60Hz;
Response Time:	90% of final FS reading < 50 seconds;
Sample System:	Flow control; flow indicator;
Sensor Life:	36 months at 25℃ and 1 atm;
Signal Output:	4-20mA isolated; RS485 communication port.
Temp. Range:	0~45 ℃ ;
Warranty:	12 months analyzer; 12 months sensor;



Standard Features

- Easy-to-read, large LCD;
- Gas concentration alarm output;
- Two ranges to choose from;
- Output 4-20mA, ideal for system integration;
- Linear measurement output signal;
- Long life thermal conductivity sensor.

Applications

H₂ concentration measurement for:

- Semiconductor equipment;
- Industrial gas equipments;
- Kinl;
- Others