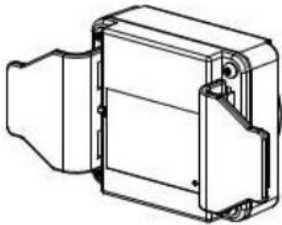


NF₃ Sensor Cartridge for SI-H100

Applications & Features

- Semiconductor industry
- High stability
- Fast response and recovery



Specifications

Performance Characteristics	
Sensor Type	NDIR (Non-Dispersive Infrared)
Measuring Gas	NF ₃ (Nitrogen trifluoride)
Measuring Range	0 ~ 50 ppm
Response Time (T _{62.5})	< 20 seconds
LDL	4 ppm
LAL	10 ppm
Alarm 1	10 ppm
Alarm 2	20 ppm
Accuracy	≤ ±20% of measured value
Resolution	1 ppm
Lifetime	> 2 years
Calibration Gas	NF ₃ (20~40ppm)
Warm Up Time	60 minutes
Environmental	
Temperature Range Continuous	10 °C to +40 °C
Operating Humidity Range	0 to 90% non-condensing

Cross sensitivity

GAS	Concentration [ppm]	Reading [ppm]
NF ₃	20	20
IPA	1000	0
Galden (FC-3283)	1000	0
NTC-379S	1000	0
Ethanol	1000	0

Due to ongoing research and product improvement, specifications are subject to change without notice