

# Ammonia gas sensor

## Features

- Linear output with high accuracy [Fig. 1]
- Less temperature dependence [Fig. 2]
- Durable down to minus 30°C
- Detectable in inert gas (e.g. N<sub>2</sub> etc.)
- High performance with long-term stability [Fig. 3]
- Fast response [Fig. 4]
- Good selectivity to organic vapour

## Specifications

Principle	Amperometric 3-electrode gas sensor
Model	KTS-517A
Detectable gas	Ammonia (NH <sub>3</sub> )
Detection range	0~100ppm
Response time (T62.5)	< 35 seconds
Operating temperature	-30°C~40°C

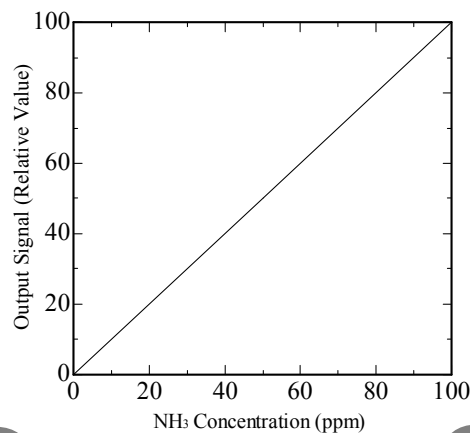


Fig. 1 Sensitivity characteristic

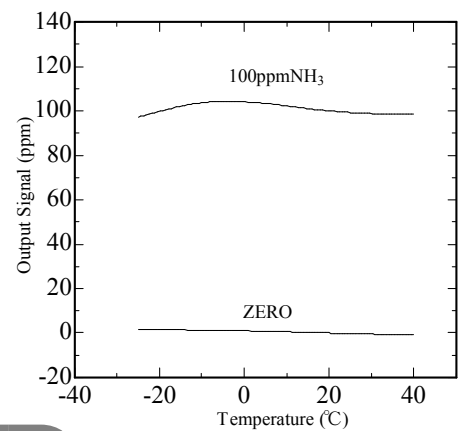


Fig. 2 Temperature stability

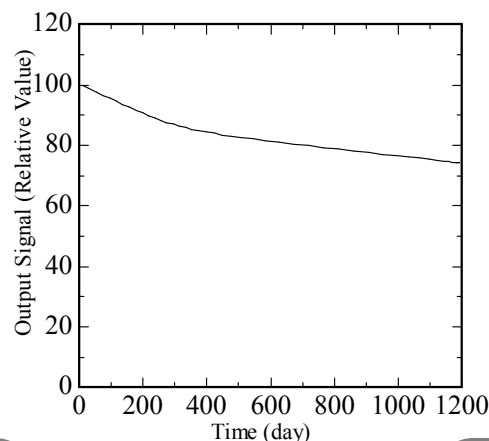


Fig. 3 Long-term stability

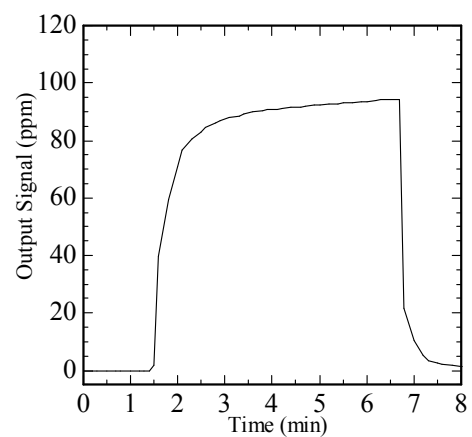


Fig. 4 Response