NAP-67A

NAP-67A is not made with thermoplastics to achieve a higher temperature resistivity. The pin locations and dimensions are compatible to NAP-66A for the convenience of current users of Nemoto NAP-66A. The gas sensitivity is better than NAP-66A by about 15%. Users are to pay attention to this higher gas sensitivity upon calibration.

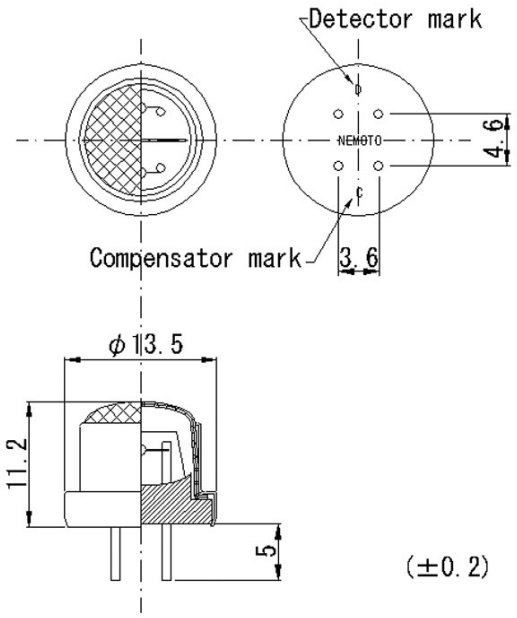
・Gas sensitivity characteristics

Gases		Detection range
Propane	C_3H_8	0.03－2.2% (0.03－1%)
Iso-butane	C_4H_{10}	0.03－1.8% (0.03－1%)
Hydrogen	H_2	0.05－4% (0.05－1.5%)
Hydro-carbons	C_nH_{2n+2}	1-100%LEL (1-50%LEL)

( ) is a detection range in high accuracy

・Ratings

Items	Ratings
Supply voltage	DC 2.0±0.2V AC 2.0±0.2V(RMS 50-60Hz)
current (2.0V applied)	DC 140－160mA AC 140－160mA(RMS 50-60Hz)
Ambient temperature	In operation -10 ~ +50℃ In storage -10 ~ +50℃
Ambient humidity	In operation : less than 95%RH In storage : less than 99%RH (without dew condensation)



Structure & appearance of NAP-67A

・Gas sensitivity characteristics

Gases and concentration	Output values
Output in clean air	－35 ~ +35mV
Iso-butane 1,400ppm	12 ~ 18mV
Hydrogen 1,400ppm	10 ~ 17mV
Ethanol 1,400ppm	8 ~ 16mV