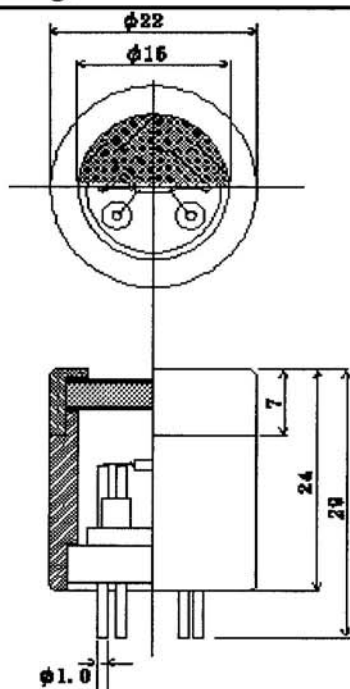


NAP-11A,11A-FL

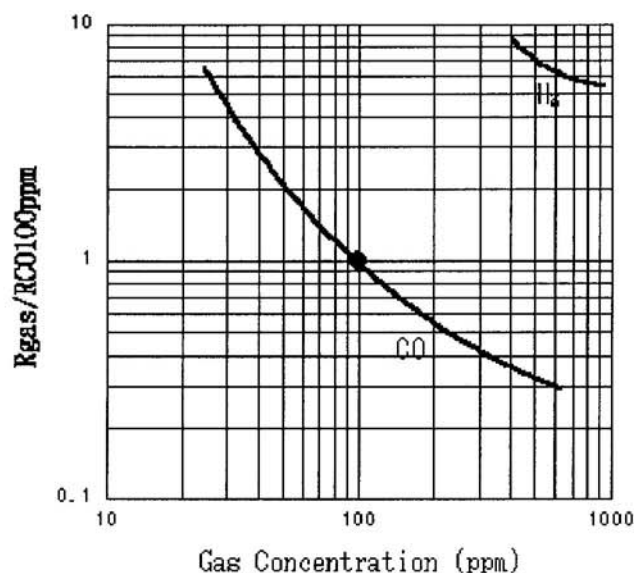
NAP-11A and 11A-FL are semiconductor type CO gas sensors, and not like the catalytic NAP-70A, are selectively sensitive to CO gas with the least sensitivity to hydrogen gas. NAP-11A is of universal type, and 11A-FL has a filter to eliminate the affection of noise gases. Both of the sensors are generally used for CO gas detectors, but require periodical heat cleaning.

* Ratings

Items	Specifications
Heat cleaning	DC $5.5 \pm 0.3V$, 160 ~ 180 mA 1 ~ 2 min. per every 10 ~ 15min.
Detection conditions	DC $0.8 \pm 0.04V$, 25 ~ 35 mA Detection time; 6 ~ 15 min.
Ambient temperature & humidity in operation	-10~+50°C, 95%RH or less
Ambient temperature & humidity in storage	-20~+60°C, 99%RH or less



Structure of NAP-11A-FL



Gas sensitivity characteristics

NAP-11A has the resistance values, more than 1MΩ in clean air and less than 10KΩ in 200ppm of CO gas, thus the gas sensitivity ratio is more than 100 times that is more than enough for the CO gas detectors application. However a special circuit is required due of the facts that heat cleaning is required and know-how are needed for output readings. Please refer to the individual user manual for further information.