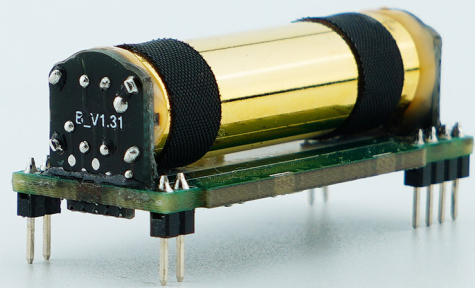
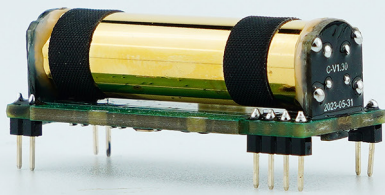


MGS24-SF6



SF6 Gas Sensor

The MGS24-SF6 gas sensor module adopts the NDIR gas measurement principle, combined with a gold-plated gas chamber and a high-precision sampling circuit. It has built-in temperature compensation and pressure compensation functions, and can accurately measure the gas concentration of SF6 in the environment. It has the advantages of long service life, high measurement accuracy, good gas selectivity, and stable performance.

Air pressure
compensation



Temperature
compensation



Long lifetime



Protection level



Fast response speed



Applications

- SF6 leakage detection of power equipment

Parameters

Measuring gas type SF6

Measuring range 0~5000ppm

Measuring accuracy $\pm 5\%FS$

Temperature effect $\pm 5ppm/$ or $\pm 0.02\%RD/$, whichever is greater, after compensation

Air pressure effect $\leq \pm 0.02\%RD/hPa$, after compensation

Stability $\leq 1\%FS/year$

Warm-up time Operation time: about 1min, reaching performance: about 5min

Response time $T_{63} \leq 12s, T_{90} \leq 25s$

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