

H₂ SENSOR MODULE **FH2-HY11** for HYDROGEN GAS LEAK DETECTION



The FH2-HY11 is a newly developed hydrogen sensor module, specifically designed for preventing hydrogen leaks in Fuel-Cell.

- **Quick start-up time**
- **Rapid response speed**
- **Compact and light weight**
- **Long life**
- **High-Selectivity**

Item	Contents
Detection method	Catalytic combustion
Detection gas / range	Hydrogen / 0 to 4 vol.%
Output signal	0.5 V to 4.5 V DC proportional to hydrogen gas concentration
Response speed (T80)	< 2 seconds
Start-up time	< 1 second
Supply voltage	5 V ± 0.25V DC
Power consumption	Approx. 0.25 W
Operating temperature	-35 °C to 85 °C (no condensation)
Storage temperature	-40 °C to 85 °C (no condensation)
Dimensions (without the attaching part)	35.2 (W) × 45.4 (D) × 19.75 (H) mm
Weight	Approx. 25 g
Applications	Fuel Cell systems for commercial/domestic fields

Please contact

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