

H₂ SENSOR MODULE FH2-HY11-HC

for HYDROGEN LEAK DETECTION

FH2-HY11 is a newly developed hydrogen sensor module, specifically designed for preventing hydrogen leaks in Fuel-Cell. This module attaches with connector cable.

Features

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

Specification



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
Speed of response (T90)	< 3 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	35.0 (W) × 45.0 (D) × 19.75 (H) mm (without the attaching part)
Weight	Approx. 36g
Applications	Fuel Cell systems for commercial/domestic fields

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