



FH2-HY04/HY05/HY06/HY11 Specification List

EMPOWERING YOUR VISION

Item	FH2-HY04	FH2-HY05	FH2-HY06-GS1	FH2-HY11
Appearance				
Detection gas	Hydrogen	Hydrogen	Hydrogen	Hydrogen
Detection range	0 ~ 4 vol.% in air	0 ~ 4 vol.% in air	0 ~ 4 vol.% in air	0 ~ 4 vol.% in air
Initial detection accuracy	± 10% (above 1 vol.%)	± 10% (above 1 vol.%)	± 10% (above 1 vol.%)	± 10% (above 1 vol.%)
Response speed (T90)	< 3 sec	< 3 sec	< 3 sec	< 3 sec
Start-up time	< 1 sec	< 1 sec ※3 sec later, output conc. data after power on.	< 1 sec	< 1 sec
Supply voltage	12V (9 ~ 16 V) DC	12V (8 ~ 16 V) DC	24V (16 ~ 32 V) DC	5V (4.75 ~ 5.25 V) DC
Power consumption	1.0W	0.3W	0.4W	0.25W
Output signal	PWM (10 ~ 90% duty)	CAN (Standard format) Baud rate : 500 kbps 500ppm/digit	CAN (Expansion format) Baud rate : 250 kbps 500ppm/digit	Analog 0.5 ~ 4.5 V
Output interval	100 msec	100 msec	100 msec	100 msec
Operating temperature	-35°C ~ 85°C	-35°C ~ 85°C	-35°C ~ 85°C	-35°C ~ 85°C
Storage temperature	-40°C ~ 105°C	-40°C ~ 105°C	-40°C ~ 105°C	-40°C ~ 85°C
Humidity	< 95%RH (no condensation)	< 95%RH (no condensation)	< 95%RH (no condensation)	< 95%RH (no condensation)
Size : mm	62(W) × 49(D) × 22.5(H)	62(W) × 49(D) × 22.5(H)	62(W) × 49(D) × 22.5(H)	35.2(W) × 45.4(D) × 20.25(H)
Weight	58g	60g	60g	24 g
Usage	FCV (passenger vehicle)	FCV (passenger vehicle)	FC bus/truck (commercial vehicle)	FC backup power supply