

DA-800-H2

H2 Analyzer



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Product Overview

DA-800-H2 is a field indicating transmitter type gas meter that detects leakage of hydrogen, neon, argon, etc. of hydrogen and hydrocarbon streams of cooling systems for generators, displays the concentration on-site, and converts the detection signal into a standard current signal and outputs it externally. The transmitter of DA-800-H2 displays the current and voltage signals of the sensor as gas concentration on the LCD, and converts them into a stable standard current signal (4 to 20 mA) and outputs it externally. The output 4 to 20 mA standard current signal is transmitted to a gas leak alarm device or a controller such as (GMS-1000/2000) PLC, DDC, MMR, etc. to configure an individual or integrated gas monitoring system.

Product Features

- ◆ It has various and accurate functions with built-in microprocessor.
- ◆ It accurately transmits the indicated value by building in a high-resolution A/D converter.
- ◆ It can be connected to various external devices such as FAN with AL1, AL2 2-stage alarm contact.
- ◆ It is possible to transmit a signal over a long distance (2.5km) with 4 - 20mA external output.
- ◆ The user can set the user's arbitrary usage environment through programmed menus.

Application areas

- ◆ H₂/N₂ and H₂/Air
- ◆ Hydrogen in generator cooling systems
- ◆ Hydrogen in hydrocarbon streams
- ◆ Ne/N₂ and Ne/Air
- ◆ Argon/N₂ and Argon/Air

Product Specifications

Classification	Contents
Sensor type	TCD
Input power	DC 24V
Measurement range	0 ~99.999 %VOL
Digital resolution	0.001 %VOL
Flow rate	200 CC ~ 2000 CC/Min
Warm-up time	60 Sec
Response time(90%FS)	2 Sec
Detection limit	10 PPM
Power consumption	24 W
Cable entries	1/2" PF
Relays	SPNO 30V dc 1A (non-inductive load) for Alarm 1, Alarm 2, Fault
Display	8 characters x 2 lines
Calibration method	Via magnetically operated buttons
Electrical output	4-20 mA
Approvals	ExdIIB+H ₂ T6

Dimension

