

Audio-visual Display Gas detector

DA – 91 Series



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<http://www.gasdna.com>

[Features]

◆ Digital Processor

Digital processor based on built in micro processor realizes various artificial intelligent functions which result in more convenient, more accurate, and more efficient gas detection environment.

◆ Self Diagnose

Digital processor automatically diagnoses the sensor signal and sends 2mA error signal output on the malfunction in the sensor.

◆ FND display with Back Light

FND offers real-time display of gas density and back light offers easy reading in dark area.

◆ User Programmable Menu

User programmable calibration density and detection range offers user's own operating functions.

◆ Isolation Circuit

Built in isolation circuit prevents electrical noise and realizes the most stable sensor output.

◆ Multi Signal Output

Various output signals - DC 4-20mA, 2 step-relay contact, & RS-485(option) – provides best networking with all kinds of devices & equipments.

[Specification]

Detection principle	Electro-chemical, NDIR, Catalytic
Response time	With 20 seconds, 90% / full scale
Accuracy	$\leq \pm 2\%$ / full scale
Programmable	Calibration density & detection range
Self diagnose	FND shows sensor error(S-ERR), 2mA output
Input power	AC 220V/60Hz
Output power	4~20mA / full scale – max. 2.5km transmitting length
Alarm	Low alarm – AL1 LED(RED)
	High alarm – AL2 LED(RED)
	Light bar – BZ LED(RED)
Alarm method	Sight – Light bar
	Hearing – Buzzer (90dB/1m)
Operation temperature & humidity	-20℃~50℃ & 5~95% RH (non-condensing)
Alarm release	Manual and automatic release
Alarm output	2 step (AL1/AL2) alarm relay contact, RS-485 (option)
Mounting type	Wall mounting type
Detection range	0 ~ 10,000 ppm

[Dimension]

