BAR GRAPH INDICATOR & COMMON ALARM UNIT

GM-1000
AM-2000

HELPING TO CREATE A SAFE AND CLEAN ENVIRONMENT BY THE STATE OF THE ART TECHNOLOGIES

3 Color Changeable LED Bar Graphic Display

51 Segments, Fine Resolution

Self Diagnostic Functions

3 Individual Alarm Relay Integrated

DIN cut - out

Various Detectors to be connected

Local or Remote Alarm Acknowledgement

Easy Confirmation for Alarm Status

WISE® WISE CONTROL
Total Safety & Environmental Solutions

Let's create a safe environment

WISE CONTROL is an industry leader in detecting the potential dangers from Combustible and

Toxic gases that pose a threat people and property.

We response to demands for safe and environment by developing and manufacturing quality

detection instruments with advanced performance and reliability.

Series is...

AM-2000

- AM-2000 produce common alarm signal and sound by the signal of individual gas Indicators (GM-1000),

  and it transfer the alarm recognition state of operator to each individual detector.
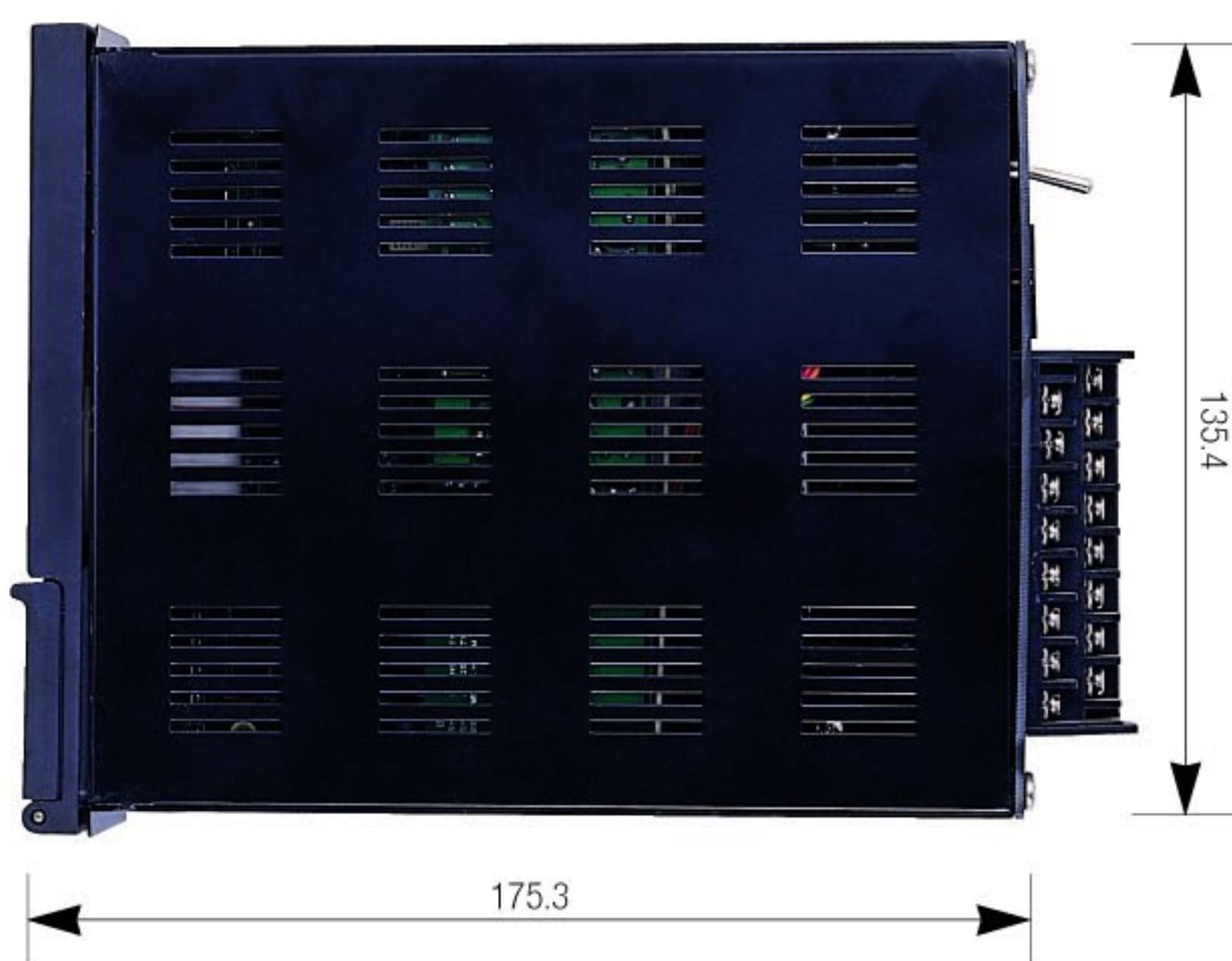
Series Feature

AM-2000

- Alarm contact output, 2 point

- FAIL alarm contact output

- External Buzzer operation contact output

- Buzzer stop contact input (REMOTE BUZZER STOP)

- Alarm return contact input (REMOTE ALARM ACKNOWLEDGE)

- Buzzer stop function select

- Digital Input Voltage Display

Series Cutout Size

AM-2000

Series is...

- GM-1000 is a digital gas leakage indicator with microprocessor application circuit.

- It is upgraded product compare with before product (easiness of reading indication value and alarm state, confidence, easiness of using)

- GM-1000 is installed at the place using gases by raw materials, supplying gases or the place can be leak gas, like industrial areas, gas charging sites, petrochemical plants, chemical plants, etc. And it can protect industrial calamity by detecting gas leakage and notifying in advance.

   Then it can be applied to detector of combustible gases (methane, ethane, LPG, LNG, etc.) and toxic gases.

- It may be used with common alarm unit (AM-2000)

Series Feature

- 3 Color Changeable Bar Graph

- Normal: Green, 1st AI: Yellow, 2nd AI: Red

- Self Diagnostics Functions

- Easy alarm set point Adjustment

- It has a microprocessor

- Selectable the kinds of Detector by Jumper Pin

- Linear DC4 to 20 mA output retransmission

- Two alarm levels (High alarm, High-High alarm)

- Plug-in Modularity

- Adjust Internal Settings without Power Off

- Short Circuit Protection

- Sensor trouble alarm

- 36 × 144 mm front DIN standard

Series Cutout Size

144(Height)

36

135.4(Height)

175.3

Technical Characteristics

ITEMS	SPECIFICATIONS(Combustible Gas)	REMARKS
Display	51 segment bar graphic Power, Fail, Al1 and Al2	3 Color Changeable Bar graphic
Sensor input	Selectable	
Measuring Range	0 ~ 100% LEL or Depending on the gas	
Alarm Set Point	Two (High, High-High)	L, LL available
Alarm Set Set Value	0 to F.S. programmable	2% step
Alarm Set Output	3*SPDT	
Alarm Set Rating	AC 250V 3A	Contact capacity
Alarm Set Trouble	N.O or N.C.	
Retransmission	DC 4-20mA Linear	Max. 600 Ω load impedance
Power	18 - 30 VDC, max. 0.3A	
mounting	Panel flush mounting	
Operating condition	-10 TO 50°C	to 122° F
Dimension	36(W) × 144(H) × 180(D)	
Weight	670 g	
Installation method	Single rack / Multi unit rack	

ITEMS	SPECIFICATIONS(Combustible Gas)	REMARKS
Display	Alarm status display By LED power & fail display	
Buzzer Sound	75 dB at 1m	
Reset Switch	Push cover plate	
Ack. Button	Buzzer Stop	
Alarm Output	2 point SPDT for Alarm	Contact capacity: 250V, 2A
	1 point SPDT for Fail	(Resistor load)
	External Buzzer, N.O. or N.C.	
Contact input	Buzzer stop input : 1 point	DRY CONTACT type
	Alarm return input : 1 point	
Rating	AC 250V, 3A	
Remote Control	Remote buzzer stop	
	Remote reset	
Power	18 - 30 VDC, max. 5VA	
Dimension	36(W) × 144(H) × 180(D)	
Weight	750 g	
Mounting	Panel flush mounting	
temperature Range	0 TO 50°C	

Distributor