

Main Specifications

▼ **Screen display**
 0.8" high brightness red LED
 Display range: -9999~9999
 Over range indication:
 doFL / ioFL or -doFL / -ioFL

▼ **Input type**
 DC / AC average / AC TRMS /
 3-wire potentiometer /
 2-wire resistor / RTD (Pt100) /
 Load cell / 2-wire transmitter /
 3-wire transmitter /
 4-wire transmitter /
 Multiple input1▼
 0~10V DC & 4-20mA DC /
 Multiple input2▼
 0~600V DC & 5A DC /
 Multiple input3▼
 0~600V DC & 0~50mV DC

▼ **Polarity indication**
 Automatic with "-" indication

▼ **Operating temperature**
 0 to 60°C

▼ **Operating humidity**
 20~90% RH (non-condensing)

▼ **Storage temperature**
 -10~70°C

▼ **Storage humidity**
 20~90% RH (non-condensing)

▼ **Accessory (option)**
 Waterproof protective case
 (for IP65)

Other Specifications

▼ **Case material**
 Flameproof PC

▼ **Power supply**
 AC/DC 100~240V /
 AC/DC 22~60V /
 AC 110V/220V

▼ **Power consumption**
 6.5VA (2 relays)
 3VA (no relay)

▼ **Refresh rate**
 16 cycles/sec

▼ **Insulation resistance**
 2KVac / 1min (Input / Power)

▼ **Input impedance**
 Voltage:
 >2V: 20KΩ/V
 ≤2V: 200MΩ
 Current:
 ≥0.2A: 100mV (terminal drop)
 <0.2A: 1V (terminal drop)

▼ **Accuracy**
 ±0.1% F.S. (DC/Potentiometer
 /Resistance/PT-100/Load cell)
 ±0.2% F.S. (AC input)

▼ **Back-up memory**
 EEPROM

▼ **Temperature coefficient**
 100ppm/°C (0~60°C)

▼ **Weight**
 Include package < 0.3 Kg

4-Digit Micro-Process Meter

Model: ATM-GA4

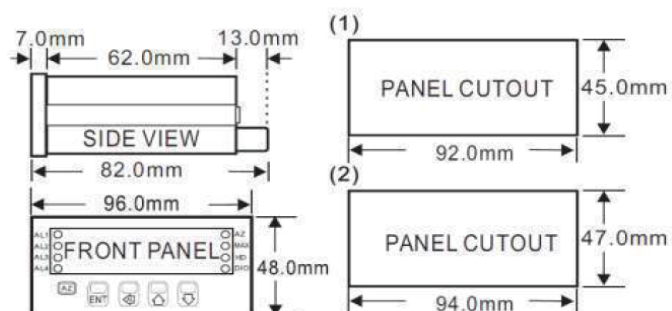


Due to the variety of customization, the picture is only for reference, please confirm the actual item with our sales. (If there is any change on specification, please take the latest version as standard.)

Features

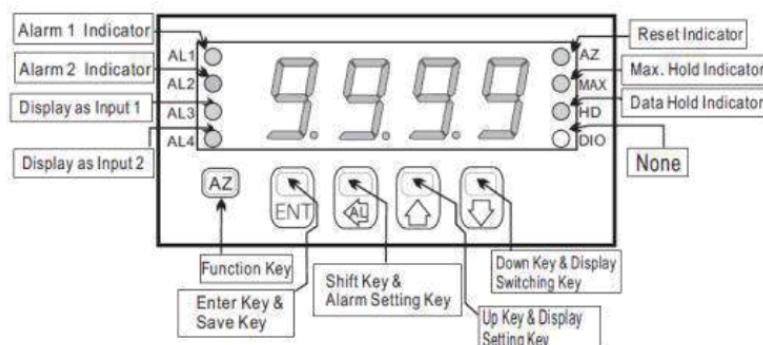
- Multiple input/display type available
- Measuring AC, DC voltage / AC, DC current / 3-wire potentiometer / resistor / PT-100 / load cell
- Max. value hold / data hold / reset function
- 0.8" high brightness LED display
- High stability, non-flammable case (PC), high safety
- Optional waterproof protective case ensuring protection level IP65

Dimension



*Remark: Panel cutout (1) is for standard type.
 Panel cutout (2) is for water-proof cover type.

Front panel and key function



Input signal and display range table

Code	Voltage (V)	Code	Current	Code	3-wire potentiometer
V1	0~50mV	A1	0~20 μ A	P1	500 Ω ~10K Ω
V2	0~5V	A2	0~200 μ A	P2	10K Ω ~100K Ω
V3	1~5V	A3	0~2mA	P3	100K Ω ~1M Ω
V4	0~10V	A4	0~20mA	P	Others
V5	0~36V	A5	0~200mA	—	—
V6	0~300V	A6	4~20mA	—	—
V7	0~600V	A7	0~2A	—	—
V0	Others	A8	0~5A	—	—
—	—	A9	0~10A	—	—
—	—	A0	Others	—	—
Code	2-wire resistor	Code	RTD (Pt-100)	Code	Load cell
I1	0~10 Ω	T1	-50~50 $^{\circ}$ C	L1	1mV/V, pow 5V
I2	0~100 Ω	T2	-100~100 $^{\circ}$ C	L2	2mV/V, pow 5V
I3	0~1K Ω	T3	-200~200 $^{\circ}$ C	L3	3mV/V, pow 5V
I4	0~10K Ω	T4	0~600 $^{\circ}$ C	L4	1mV/V, pow 10V
I5	0~100K Ω	T0	Others	L5	2mV/V, pow 10V
I0	Others	—	—	L6	3mV/V, pow 10V
—	—	—	—	L0	Others

How to order

ATM-G4A 4-digit Micro process meter									
Std.	Spec.	Code	Item	Code	Item	Code	Item	Code	Item
2	Input type	D	DC	A	AC AVG	M	AC TRMS	P	3-wire potentiometer
		I	2-wire resistor	T	RTD (Pt100)	L	Load cell*1	2	2-wire transmitter*2
		3	3-wire transmitter	4	4-wire transmitter	S01	Multiple input input1: 0~10V DC input2: 4-20mA DC	S02	Multiple input input1: 0~600V DC input2: 5A DC
		S03	Multiple input input1: 0~600V DC input2: 0~50mV DC	—	—	—	—	—	—
A6	Input signal and display range	Please refer to input signal and display range table and select corresponding code							
A	Aux. power	A	AC/DC100~240V	D	DC24~60V	O	AC100V/220V	—	—
R1	Alarm output	N	None	R1	Relay x1	R2	Relay x2	—	—
—	Other requests	/A	Third party notarized document			/B	Inspection report		
		/C	Tag			/D	Protective case		

Order example: ATM-GA4-2-A6-A-R1

Note:

*1: Load Cell type of excitation power DC5V can have 2 load cell in parallel; DC10V only can offer 1 load cell to use.

*2: 2 wire type provides excitation power DC24V for 2 wire (loop power) pressure, temperature or humidity transmitter use.