



Bridging the Gap between Real World and Computer

ATM-M Series

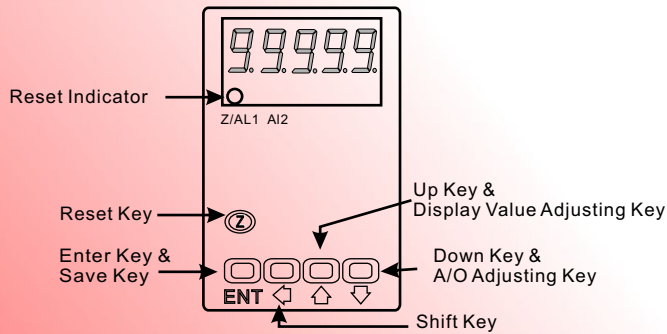


5 Digit Dual Input Micro Processor Math Function Isolated Transmitter

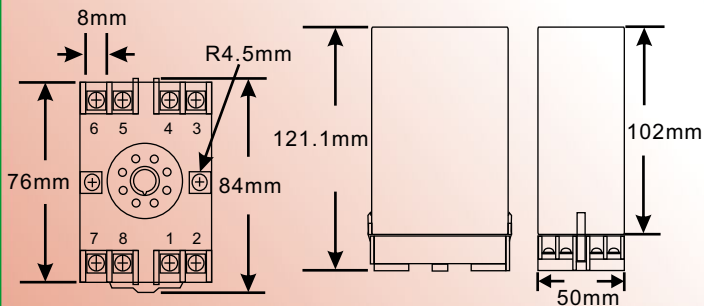
Features

- ▶ Versatile Input selection : 0~50mV, 0~10V, 0~300V, 0~20mA, 4~20mA
- ▶ Versatile output selection : 4~20mA, 0~20mA, 0~5V, 0~10V
- ▶ Accuracy : $\pm 0.1\%$ F.S.
- ▶ Mathematic function ($A \pm B$, AXB , A/B , $A \& B$ (Hi or Lo), $|A|$, \sqrt{A})
- ▶ General input & output selectable
- ▶ Surge test of AC 2000V/1min between input / output / power

Front Panel & Key Functions



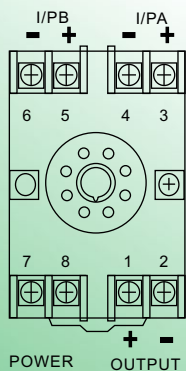
Dimensions



Specifications

- ▶ Input Selection : 0~50mV, 0~10V, 0~300V, 0~20mA, 4~20mA
- ▶ Output Selection : 4~20mA, 0~20mA, 0~5V, 0~10V
- ▶ Accuracy : $\pm 0.1\%$ F.S.
- ▶ Display Screen : High brightness red LED; 10.16mm(0.4")
- ▶ Display Range : -19999~99999
- ▶ Zero Adjustment : ± 9999
- ▶ Span Adjustment : ± 9999
- ▶ Parameters Setting : Push buttons
- ▶ Back Up Memory : EEPROM
- ▶ Over Range Indication : doFL/ioFL or -doFL/-ioFL
- ▶ Analog Output Resolution : 15-bit
- ▶ Output Ripple : $\leq \pm 0.1\%$ F.S.
- ▶ Output Response Time : < 250 msec (0~90%)
- ▶ Output Capability : Voltage Output : $< 10V$
Current Output : $< 20mA$
- ▶ Isolation : Input / Output / Power / Case
- ▶ Insulation Resistance : $> 100M\Omega$ with 500Vdc
- ▶ Surge Test : 2KVac/1min
- ▶ Input Impedence :
Voltage : $> 2V$ for $20K\Omega/V$; $\leq 2V$ for $> 200M\Omega$
Current : $\geq 0.2A$ at 100mV ; $< 0.2A$ at 1V
- ▶ Temperature Coefficient : 100ppm/°C (0 °C ~ 60 °C)
- ▶ Operating Temperature : 0 °C ~ 60 °C
- ▶ Operating Humidity : 20~90% RH, non-condensing
- ▶ Storage Temperature : -10 °C ~ 70 °C
- ▶ Storage Humidity : 20~90% RH, non-condensing
- ▶ Power requirement : 110Vac, 220Vac
- ▶ Installation : Socket / Plug-in

Wiring Connection



Ordering Information

