

Functions:

Ao.HS(output range high): Settable range: -19999~29999

Ao.LS(output range Low): Settable range: -19999~29999

Ao.LMt(output High Limit): 0.00~110.00% of output High

Ao.Zro: Settable range: -38011~+27524

Ao.SPn: Settable range: -38011~+27524

Digital fine adjust:

RS 485 Communication(option)

Protocol: Modbus RTU mode
Baud rate: 1200/2400/4800/9600/19200/38400 programmable
Data bits: 8 bits
Parity: Even, odd or none (with 1 or 2 stop bit) programmable
Address: 1 ~ 255 programmable
Remote display: to show the value from RS485 command of master
Distance: 1200M
Terminate resistor: 150Ω at last unit.

Electrical Safety

Dielectric strength: AC 2.0 KV for 1 min, Between Power / Input / Output / Case

Insulation resistance: ≥100M ohm at 500Vdc, Between Power / Input / Output

Isolation: Between Power / Input / Relay / Analogue / RS485 / E.C.I.

EMC: EN 55011:2002; EN 61326:2003

Safety(LVD): EN 61010-1:2001

Environmental

Operating temp.: 0~60 °C

Operating humidity: 20~95 %RH, Non-condensing

Temp. coefficient: ≤100 PPM/°C

Storage temp.: -10~70 °C

Enclosure: Front panel: IEC 549 (IP54); Housing: IP20

Mechanical

Dimensions: 96mm(W) x 48mm(H) x 120mm(D)

Panel cutout: 92mm(W) x 44mm(H)

Case material: ABS fire-resistance (UL 94V-0)

Mounting: Panel flush mounting

Terminal block: Plastic NYLON 66 (UL 94V-0)
 10A 300Vac, M2.6, 1.3~2.0mm²(16~12AWG)

Weight: 550g / 350g(Aux. Power Code: ADH or ADL)

Power

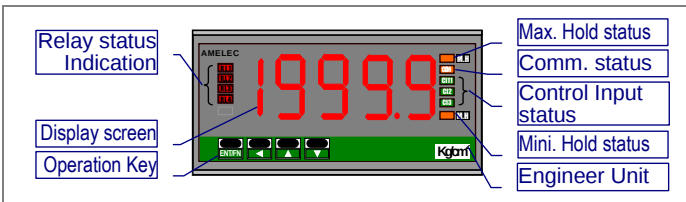
Power supply: AC115/230V,50/60Hz;
 Optional: AC/DC 85~264V or 20~90V(RoHS version)

Excitation supply: DC24V/30mA maximum in standard

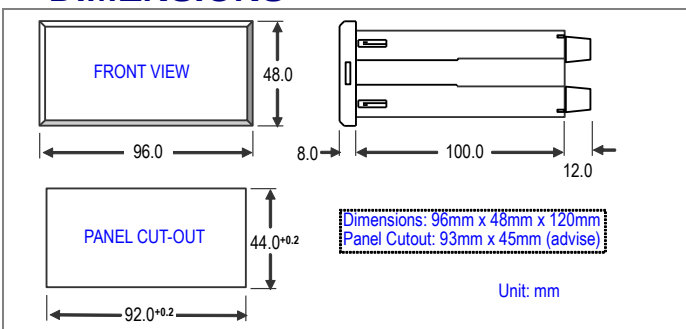
Power consumption: 5.0VA maximum

Back up memory: By EEPROM

FRONT PANEL

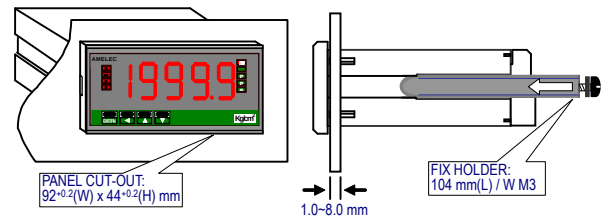


DIMENSIONS

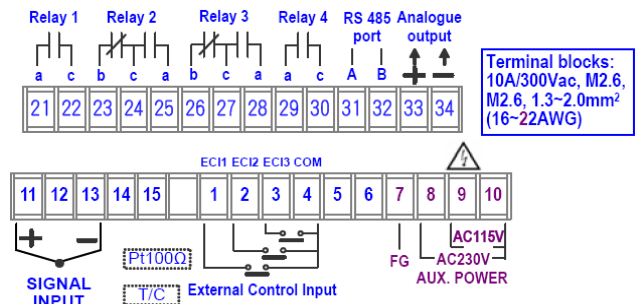


INSTALLATION

The meter should be installed in a location that does not exceed the maximum operating temperature and provides good air circulation.

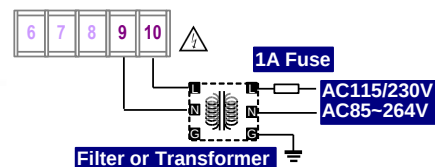


CONNECTION DIAGRAM

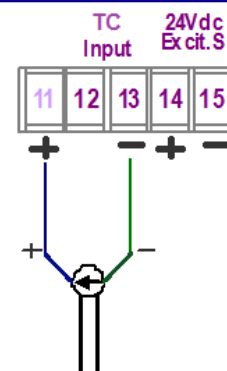


Please check the power supply voltage first, and then connect to the specified terminals. It is recommended that power supplied to the meter be protected by a fuse or circuit breaker.

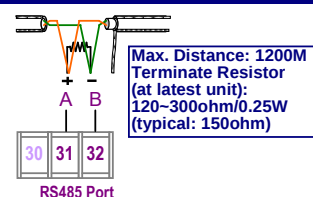
Power Supply



Thermocouple Input connection



RS485 Communication Port



Potentiometer Input

