

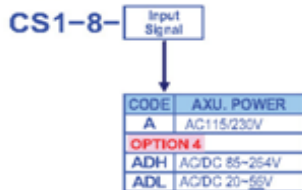
APM489-RS485 Remote Display Indicator

DESCRIPTION

CS1-8 has been designed for remote display by RS485 (Modbus RTU Mode) interface



ORDERING INFORMATION



TECHNICAL SPECIFICATION

Display & Functions

LED: Numeric: 5 digits, 0.8"(20.0mm)H red high-brightness LED
RS 485 communication: 1 square orange LED
Display range: -19999~29999;

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 / RS485
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 529 (IP52); Housing: IP20

Mechanical

Dimensions: 96mm(W) x 48mm(H) x 72mm(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 (16~22AWG)
Weight: 350g

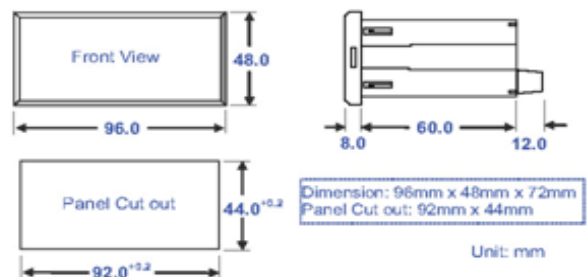
Power

Power supply: AC115/230V, 50/60Hz;
Optional: AC 85~264V / DC 100~300V or DC 20~56V
Excitation supply: DC24V/30mA maximum in standard
Power Consumption: 3.0VA maximum
Back up memory: By EEPROM

FRONT PANEL

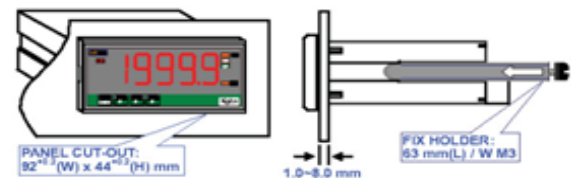


DIMENSIONS



INSTALLATION

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



CONNECTION DIAGRAM

