

FEATURES

- Multi-range input (T/C, RTD, Volt, mA, etc).
- High accuracy 16bit A/D converter
- Peak hold function (Highest & Lowest)
- Burnout function
- 2points alarm & Dead band set
- Isolation current output(4~20mADC) & Output scaling
- Sensor power source DC24V in STD specification.
- RS-485 Communication interface.
- Slim size (30.5X80X102)
- Free voltage (AC 85~265V, 45~65Hz)



SPECIFICATIONS

- **Measuring and display cycle** : 200ms(mV, Volt, mA type)
400ms(TC, RTD type)
- **Input resistance** : Volt - 400k Ω
Others type-1M Ω
- **Signal source resistance** : Pt100 Ω type - 30 Ω /line
Others type - 300 Ω /line
- **CMRR (Common Mode Rejection Ratio)** : 140dB or more
- **NMRR (Normal Mode Rejection Ratio)** : 60dB or more
- **Moving average filter**
- **Built-in sensor power source** : DC24V 30mA $\pm$ 0.5%
- **Accuracy** : $\pm$ 0.2%FS
- **Isolation current output** (2output is isolation between output)
 - Current : 4~20mADC
 - Maximum load resistance : 600 Ω
 - Isolation resistance (Input-Output): 100M Ω or more (500VDC)
- **Isolation Voltage output (Option)**
 - Voltage : 0~10VDC
 - Minimum load resistance : 1k Ω
 - Isolation resistance : 100M Ω or more (500VDC)

• Alarm Output (Alarm setter)

- Contact output type : Normal open,
Normal Close
- Max switching power : 60W 125VA
- Max switching voltage : 220VDC, 250VAC
- Max switching Current : 2A DC, AC
- Max Carrying current : 3A DC, AC

• Ambient temperature & Humidity

- Operation : -10 $^{\circ}$ C~60 $^{\circ}$ C, 10%~90%
- Storage : -20 $^{\circ}$ C~70 $^{\circ}$ C, 5%~95%

• Power supply

- Voltage : Free Voltage
AC85~265V 45~65HZ
DC24V(Optional)
- Power consumption : 10VA Max
- Isolation resistance : 100M Ω 500VDC
(FG-Input, FG-Power,
Power-Input, Input-Output)

• Communication interface

• Etc

- Weight : 200g
- Mounting : Din rail & wall mounted
- Dimension : 30.5(W) $\times$ 80(H) $\times$ 102(D)mm