

## CONVERTER

# SL-RTD

The Model SL-RTD accepts 3-Wire RTD input, and provides isolated & linearized DC Output.

- Linearization and upscale burnout protection standard.
- Downscale or no burnout optional.

## ORDERING INFORMATION

Specify code number and variables.

- Code No. : SL-RTD-Input / Output-Power  
(EX. SL-RTD-A1-Y)
- Specify Temperature Range (Ex. -50~50°C)
- Specify special Output Range (Ex. 0~5 mA)

## GENERAL SPECIFICATIONS

- Housing Material : Plastic ABS(Resin) Gray
- Isolation : Input to Output to Power
- Easy Calibration of the Gain (Max.  $\pm 40\%$  of F.S) and Offset(Max.  $\pm 20\%$  of F.S).
- Triple Isolation for using on input & output of the PLC.



## INSTALLATION

- Power Supply : DC 22~29V (Max. Current : 100 mA) - Reverse Polarity protected
- Operating Temperature : 0 ~ 40 °C (Storage : -20 ~ 70°C)
- Operating Humidity : 90% RH max. (Non-condensing)
- Mounting : Rail Mounting
- Dimension : 22.5(W) X 75(H) X 107(D) (Unit : mm)
- Weight : about 120g

## PERFORMANCE

- Accuracy :  $\pm 0.1\%$  LESS(F.S) at 23 °C
- Temperature Coefficient :  $\pm 0.015\%$  /°C
- Response Time : 0.1 Sec or less (0~90%), Normal
- Insulation Resistance : 100 M  $\Omega$  or more with 500V DC between Input / Output / Power
- Dielectric Strength : 1500V AC 0.5 mA / Min (Input to Output to Power)

## SCHEMATIC CIRCUIT & CONNECTION DIAGRAM



