

2 WIRE SIGNAL TRANSMITTER

■ FEATURE

- 4~20mA 2wire output
- Actualization of high accuracy
- DC12~28V Power supply
- High-density mounting

DL - SERIES



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General Specifications

2 WIRE POTENTIOMETER TRANSMITTER 2線式 可變抵抗 變換器



This is a high and accurate converter that has 3 line potentiometer as an input signal and then converters variation of resistance into DC signal. Specially, We can use monitor terminal to check the PV output signal and maintain & repair easy.

SPECIFICATIONS

ITEMS	DESCRIPTIONS
INPUT	Potentiometer (from 300 Ω ~10K Ω) 3wire
EXCITATION VOLTAGE	DC 0,2V
BURNOUT RESPONSE	10 Seconds
OUTPUT	4~20mA DC
POWER SUPPLY	DC12 ~ 28V
OUTPUT LOAD RESISTANCE	600 Ω Max, (at DC24V)
ACCURACY	$\pm 0,2\%$ Max,
TEMP. COEFFICIENT	$\pm 0,015\%$ / $^{\circ}\text{C}$
RESPONSE TIME	Less than 0,5Sec (0~90% of span)
BURN OUT CIRCUITLY	Down scale (standard)
INSULATION RESISTANCE	Greater than 100M Ω at DC 500V
DIELECTRIC - STRENGTH	Input - Output AC 1,500V 1 Minute
FRONT ADJUSTMNTS	$\pm 3\%$ for Zero, $\pm 10\%$ for Span
ISOLATION	Input - Output
AMBIENT - TEMP	0 ~ +50 $^{\circ}\text{C}$ (32 ~ 122 $^{\circ}\text{F}$)
HUMIDITY	Less than 90% RH (no condenstation)
CASE MATERIAL	Polyamide UL94, V2,
CASE COLOR	Gray color
WEIGHT	About 100g
DIMENSION	W22,5 X H75 X D100mm
MOUNTING	DIN RAIL
WIRING	Terminal wiring

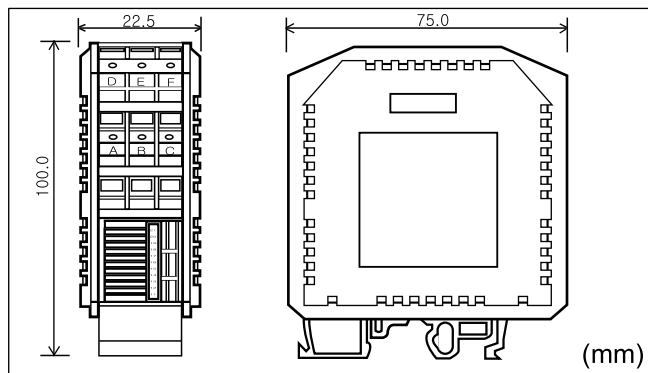
ORDERING CODE

MODEL : DLPC -

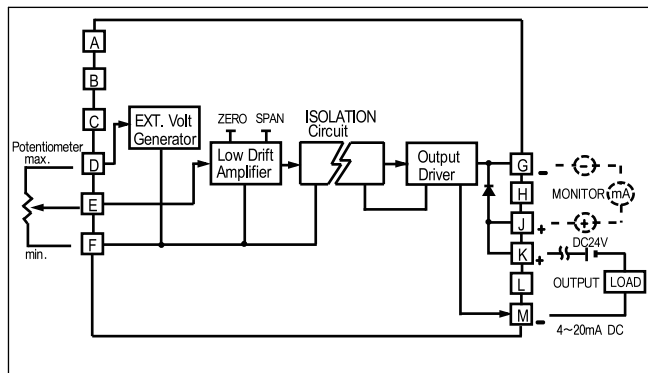
- INPUT SIGNAL
Total resistance 300 Ω ~ 10K Ω 3wire
- OUTPUT SIGNAL
7, 4~20mA DC
- SUPPLY VOLTAGE
1, DC 12 ~ 28V



DIMENSION



BLOCK DIAGRAM



General Specifications

2 WIRE RTD TRANSMITTER

2線式 測溫抵抗體 變換器



This is a high and accurate converter that has 3 lines RTD as an input signal then converters variation of resistance according to temperature into DC signal. Specially, We can use monitor terminal to check the PV output signal and make maintain & repair easy.

SPECIFICATIONS

ITEMS	DESCRIPTIONS
INPUT	Pt 100Ω 3-Wire Adjustment needed for 2wire Bulb Permissible resistance of cable less than 10Ω
SUPPLY CURRENT TO Pt BUL	DC 0.7mA
BURNOUT RESPONSE	10 Seconds
OUTPUT	4~20mA DC
POWER SUPPLY	DC12 ~ 28V
OUTPUT LOAD RESISTANCE	600Ω Max. (at DC24V)
ACCURACY	±0.2% Max.
TEMP. COEFFICIENT	±0.02% / °C
RESPONSE TIME	Less than 0.5Sec (0~90% of span)
BURN OUT CIRCUITLY	Up scale (standard)
INSULATION RESISTANCE	Greater than 100MΩ at DC 500V
DIELECTRIC - STRENGTH	Input - Output AC 1,500V 1 Minute
FRONT ADJUSTMNTS	±3% for Zero, ±12% for Span
ISOLATION	Input - Output
AMBIENT - TEMP	0 ~ +50°C (32 ~ 122 °F)
HUMIDITY	Less than 90% RH (no condenstation)
CASE MATERIAL	Polyamide UL94, V2,
CASE COLOR	Gray color
WEIGHT	About 100g
DIMENSION	W22.5 X H75 X D100mm
MOUNTING	DIN RAIL
WIRING	Terminal wiring

ORDERING CODE

MODEL : DLRB -

• INPUT SIGNAL

1. JPt 100Ω (JIS) 3-Wire
2. Pt 100Ω (DIN) 3-Wire
3. Others

• OUTPUT SIGNAL

7. 4~20mA DC

• SUPPLY VOLTAGE

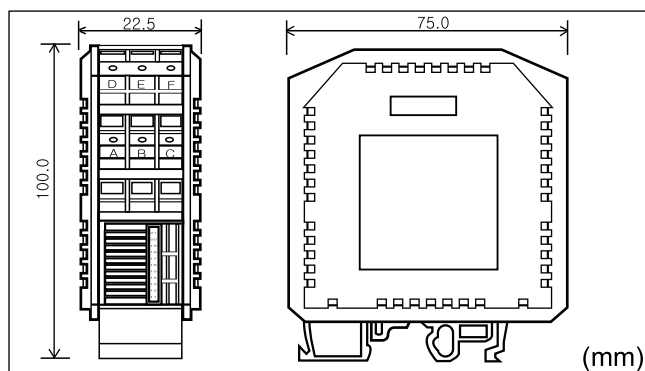
- DC 12 ~ 28V

• BURN OUT

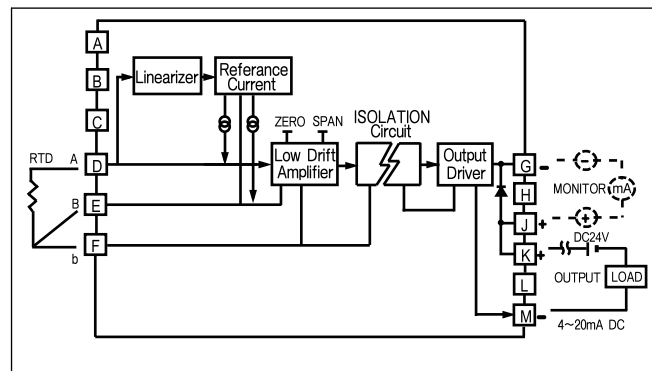
- U. Up scale

* Please Specify the Input Range When you Order.

DIMENSION



BLOCK DIAGRAM



General Specifications

2 WIRE SIGNAL TRANSMITTER 2線式 直流 入力 變換器



This is a high and accurate converter that has DC current signal as an input signal and then converters into DC signal by isolation circuit. Specially, We can use monitor terminal to check the PV output signal and maintain & repair easy.

SPECIFICATIONS

ITEMS	DESCRIPTIONS
INPUT	DC Current : 30mA DC Max. DC Voltage : -30 ~ +30V DC
INPUT RESISTANCE	DC Current : 250Ω (at 4~20mA DC) DC Voltage : 1MΩ (at 1~5V DC)
OUTPUT	4~20mA DC
POWER SUPPLY	DC12 ~ 28V
OUTPUT LOAD RESISTANCE	600Ω Max. (at DC24V)
ACCURACY	±0.1% Max.
TEMP. COEFFICIENT	±0.015% / °C
RESPONSE TIME	Less than 0.5Sec (0~90% of span)
BURN OUT CIRCUITLY	Down scale (standard)
INSULATION RESISTANCE	Greater than 100MΩ at DC 500V
DIELECTRIC - STRENGTH	Input - Output AC 1,500V 1 Minute
FRONT ADJUSTMNTS	±3% for Zero, ±10% for Span
ISOLATION	Input - Output
AMBIENT - TEMP	0 ~ +50°C (32 ~ 122 °F)
HUMIDITY	Less than 90% RH (no condenstation)
CASE MATERIAL	Polyamide UL94, V2.
CASE COLOR	Gray color
WEIGHT	About 100g
DIMENSION	W22.5 X H75 X D100mm
MOUNTING	DIN RAIL
WIRING	Terminal wiring

ORDERING CODE

MODEL : DLSI -

• INPUT SIGNAL

- | | |
|------------------|------------------|
| 1. 0~1mA DC | A. 0~10mV DC |
| 2. 0~10mA DC | B. 0~100mV DC |
| 3. 0~16mA DC | C. 0~1V DC |
| 4. 0~20mA DC | D. 0~5V DC |
| 5. 1~5mA DC | E. 0~10V DC |
| 6. 2~10mA DC | F. 1~5V DC |
| 7. 4~20mA DC | Z. Other Voltage |
| 0. Other Current | |

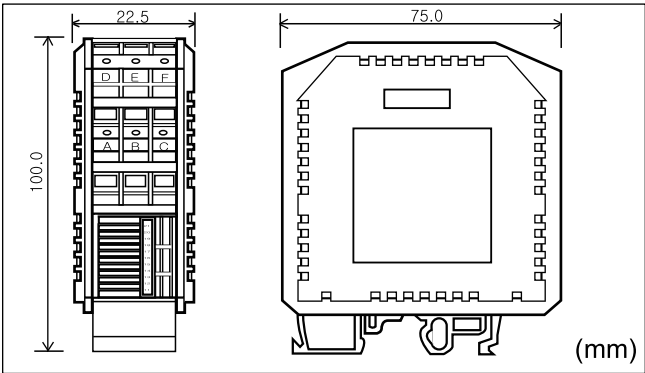
• OUTPUT SIGNAL

7. 4~20mA DC

• SUPPLY VOLTAGE

- DC 12 ~ 28V

DIMENSION



BLOCK DIAGRAM

