

Head Type 2-Wire Transmitter

MTSC-2W

The Model MTSC-2W accepts a various signal input, and provides isolated and linearized DC output.

– Proportional Output

♣ Performance

- Accuracy : $\pm 0.2\%$ of Full Scale
- Temperature Coefficient : $\pm 0.015\%$ / $^{\circ}\text{C}$
- Response Time : 0.5Sec or less(0~90%), Normal
- Insulation Resistance : 100M Ω or more with 500V DC
- Dielectric Strength : 1,500V AC 0.5mA/Min.
(Input / Output to Housing)
- Isolation : None Isolation



♣ General Specifications

- Housing Material : Plastic, Black
- Isolation : Input / Output to Housing
- Easy Calibration of the Zero and Span (Max. $\pm 10\%$ of Full Scale)

♣ Installation

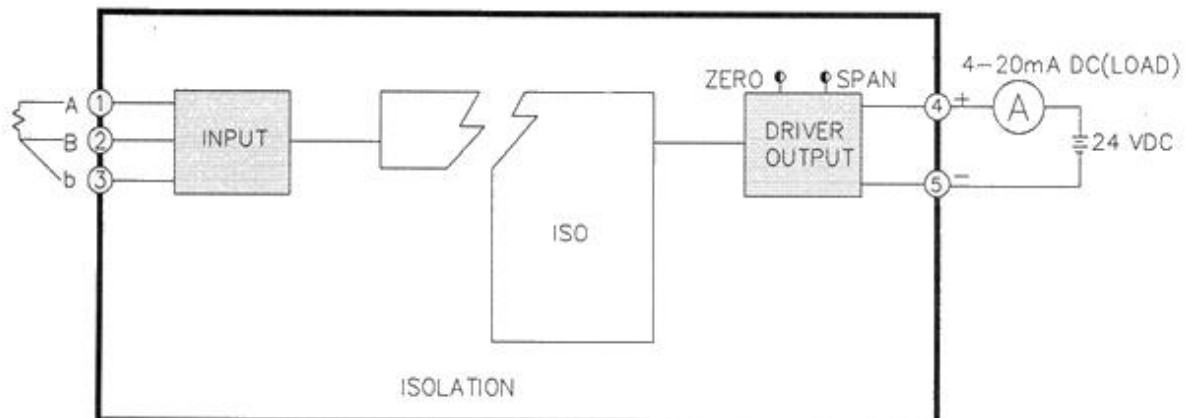
- Power Supply : DC 18~24V
- Operating Temperature : $-5 \sim +55^{\circ}\text{C}$
- Operating Humidity : 30 ~ 90% RH Max. (Non-Condensing)
- Mounting : Head Mounting
- Dimension : 49(ψ) X 30(H) (Unit : mm)
- Wiring : Screw Terminals on PCB (M2.5)

♣ Ordering Information

Specify Code number and Variables

- Code No. : MTSC-2W-Input-Power(Ex : MTSC-2W-1-Y)
- Specify Input Range (Ex : 2~16mA)
- Output is fixed to DC current for 4~20mA (Load Resistance : 0~650 Ω)

♣ Schematic Diagram



♣ Model & Suffix Code

MTSC-2W-□-□

Input Type & Range Selection

- 1 : DC Signal (Voltage or Current)
- 2 : RTD Sensor
- 3 : Potentiometer
- 4 : Thermo-Couple
- 5 : Other Special Spec.

Power Supply

- Y : DC 24V
- Z : Other Special Spec.

※ Attention : Output Signal is fixed to DC Current(4~20mA) and Load Impedance is 650Ω

♣ Dimension

