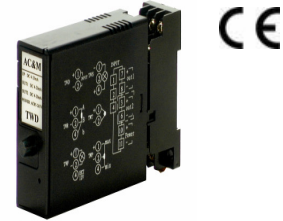


AC&M DC ISOLATING TRANSMITTER

FEATURES :

- 2 Inputs / 2 Outputs User Selectable
- High Accuracy 0.1%RO at 23°C ± 5°C
- Aux.Power AC 85~265V or DC 85~300V
- PC Plastic Case , DIN Rail or Wall Mounting
- High Dielectric Strength (AC 2KV/Min , between Input / Output / Power)



TW2D — □ — □ — □ — □ — □

Input 1		Input 2		Output 1		Output 2		Aux. Power	
A	DC 0~10mA	A	DC 0~10mA	A	DC 0~10mA	A	DC 0~10mA	C	DC 22~72V
B	DC 0~20mA	B	DC 0~20mA	B	DC 0~20mA	B	DC 0~20mA	F	AC/DC 85~265V
C	DC 4~20mA	C	DC 4~20mA	C	DC 4~20mA	C	DC 4~20mA		
D	DC 0~5V	D	DC 0~5V	D	DC 0~5V	D	DC 0~5V		
E	DC 1~5V	E	DC 1~5V	E	DC 1~5V	E	DC 1~5V		
F	DC 0~10V	F	DC 0~10V	F	DC 0~10V	F	DC 0~10V		
Y	Other	Y	Other	Y	Other	Y	Other		

SPECIFICATIONS :

Accuracy : 0.1%RO at 23°C ± 5°C

Input Impedance : Voltage Input ≥ 1M Ω , Current Input ≤ 50Ω

Insulation Resistance : ≥ 100M Ω / DC 500V

Output Load : DC Current Mode : > 500Ω in Output 20mA , DC Voltage Mode : 10mA Maximum

Dielectric Strength : AC 2000V / Min , between Input / Output / Power.

Input Protection : ≥ 2V DC ≤ 300V rms Continuous ; ≤ 2V DC ≤ 150V rms Continuous ;
≤ 20mA DC ≤ 150mA Continuous

Linearity & Repeatability : ≤ 0.1% Typical.

Common Mode Rejection : ≥ 120db DC to 60Hz

Stability : ≤ 0.2% / Year.

Response Time : ≤ 400 mS

Ripple : ≤ 0.1% rms RO

Temperature Coefficient : ≤ 100ppm / °C From 0~60°C ; ≤ 50ppm / 25°C ± 5°C

Operation Condition : -5°C ~ +55°C 20~95% RH Non-Condensed.

Storage Condition : -10°C ~ +70°C 20~95% RH Non-Condensed.

Power Fluctuation Rate : Power Could Support AC 85~265V or DC 24V ± 10%

Aux. Power Effect : ≤ 0.03% / V

Housing Material : Non-Combustible PC Products , Compliance With UL 94 CLASS V-0

Mounting : DIN Rail or Wall Mounting

Dimension : 27 W × 119 H × 70 L mm (Base)

SCHEMATIC CIRCUITRY & CONNECTION DIAGRAM :

