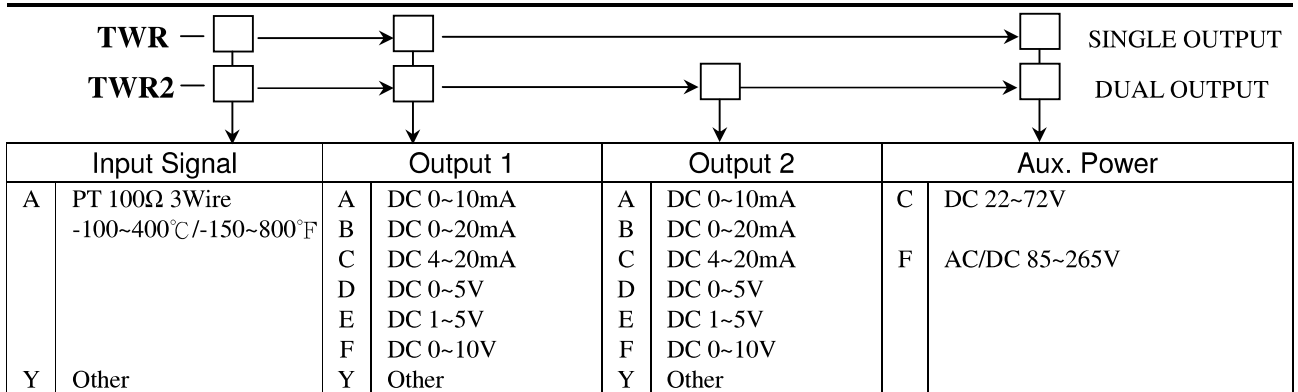


# AC&M RTD ISOLATING TRANSMITTER

## FEATURES :

- Aux.Power AC 85~265V or DC 85~300V
- High Accuracy 0.2%RO + 0.3°C at 23°C ± 5°C
- PC Plastic Case , DIN Rail or Wall Mounting
- High Dielectric Strength ( AC 1.5KV/Min , between Input / Output / Power )



## SPECIFICATIONS :

**Accuracy :** 0.2%RO+0.3°C at 23°C ± 5°C

**Input Impedance :** Voltage Input ≥ 1MΩ , Current Input ≤ 50Ω

**Insulation Resistance :** ≥ 100MΩ / 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.

**Linearity & Repeatability :** ≤ 0.1% Typical.

**Common Mode Rejection :** ≥ 120db DC to 60Hz

**Stability :** ≤ 0.2% / Year.

**Adjust Range :** SPAN & ZERO ±10%

**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 / DC 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 :

