

# Process Thermometer MT 1010

**Pt100 - Pt1000**

**Fieldcase** with snap-lid, 2 x M16x1.5  
 100x100x60 mm (WxHxD)  
 30° steps turnable  
 Clamp terminals

**Features**

- Unit °C or °F programmable
- Process-temperature max. 200°C
- Protection tube diameter 9 mm, stainless steel 1.4571
- Process pressure max. 16 bar
- Ambient temperature display -20 ... +55 °C
- Accuracy <0.1 % ±2 Digit
- LED-Display 14.2 mm red
- Max. 2 Alarm outputs. SPDT, min/max function  
 Switch-on and switch-off delay time programmable
- Analog output 0/4 ... 20 mA; 0/2 ... 10 V DC, burden dependent
- Protection IP65



Mounting mode 04

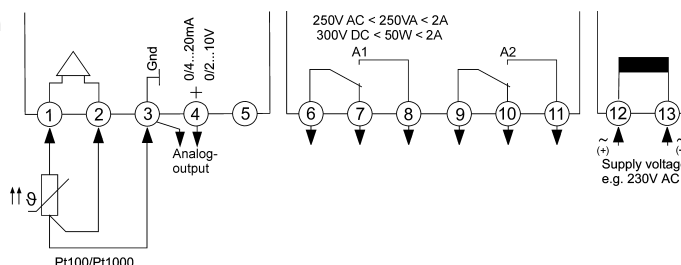


Mounting mode 01

**Ordering code: MT1010** -  1. -  2. -  3. -  4. -  5. -  6. -  7. -  8. -  9. -  10.

- 1. Temperature Probe**
  - 1 Pt100
  - 3 Pt1000
- 2. Alarm output**
  - 00 not installed
  - 2R 2 alarm outputs relay
- 3. Analog output**
  - 00 not installed
  - AO analog output 0/4 ... 20 mA; 0/2 ... 10V DC
- 4. Supply voltage**
  - 0 230 V AC ± 10 % 50-60 Hz
  - 1 115 V AC ± 10 % 50-60 Hz
  - 4 24 V AC ± 10 % 50-60 Hz
  - 5 24 V DC ± 15 %
- 5. Installation length protection tube EL [mm]**
  - 100
  - 160
  - 250
  - 400
  - 600
- 6. Process connection**
  - G1/2A
  - G3/4A
  - G1A
- 7. Mounting mode**
  - 01 head case horizontal
  - 04 head case vertical
- 8. Options** combination of options on request
  - 00 without option
  - 01 Hold for min- and max- value
  - 07 Display brightness programmable
  - 09 1x M20x1.5 Multi (2x6 mmØ); 1 x M20x1.5
- 9. Unit** (appears on the face plate)
- 10. Add. text** (appears in the field for additional text, text size 3x70 mm HxW)

**Connection diagram**



**Option 09**



1 x M20x1.5 Multi  
 1 x M20x1.5