



## CT-PT100 Out2

CT-PT100 Out2, Transducer

Code: M25652.

- > Output type: 2
- > Analog output: 4...20mA
- > Measure: According probe PT-100

### Description

CT-PT transducers, convert temperature measures to D.C process indicator signal, using PT-100 lead. The analog output is directly proportional to the measurement temperature with PT-100 lead.



# CT-PT100 Out2

Temperature transducer - PT100

Code: M25652.

## Specifications

### AC power supply

|                 |                                 |
|-----------------|---------------------------------|
| Consumption     | 2,5 VA                          |
| Frequency       | 40...90 Hz                      |
| Nominal voltage | 24/115/230/400 Vca (-15...+20%) |

### DC power supply

|                 |                                     |
|-----------------|-------------------------------------|
| Consumption     | 2,5 VA                              |
| Nominal voltage | 9-18 / 18-36 Vdc 36-72 / 90-140 Vdc |

### Mechanical characteristics

|                                  |                    |
|----------------------------------|--------------------|
| Size (mm) width x height x depth | 40 x 72 x 110 (mm) |
| Weight (kg)                      | 0,29               |

### Environmental characteristics

|                     |                                |
|---------------------|--------------------------------|
| Protection class    | IP 20 (Terminals) IP 40 (case) |
| Storage temperature | -40....+70 °C                  |
| Working temperature | -10...+60 °C                   |

### Sensor connection

|                               |                                 |
|-------------------------------|---------------------------------|
| Sensor connection             | 3 hilos                         |
| Temperature measurement range | -200...+200 °C / -200...+800 °C |

### Standards

|                                       |   |
|---------------------------------------|---|
| Electrical safety, Maximum height (m) | 2000  |
| Standards                             | IEC 529, IEC 688, IEC 801, EN 50081-2, EN 50082-2, IEC 1010 |

### Analogue inputs

|                              |                        |
|------------------------------|------------------------|
| Load impedance in current    | < 500 Ω                |
| Ripple (effective RMS value) | < 0,5 %                |
| Load impedance in voltage    | > 500 Ω                |
| Response time                | < 300 ms (0...99 % Vn) |

### Analogue outputs

|                                    |                                  |
|------------------------------------|----------------------------------|
| Current mode, nominal range        | 0...10, 20 mAac                  |
| Displaced output                   | 0,2...2 V / 2...10 V / 4...20 mA |
| Voltage mode: nominal output range | 0...5, 10 Vac                    |

### Measurement accuracy

|          |      |
|----------|------|
| Accuracy | 0,2% |
|----------|------|



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CT-PT  
Temperature transducer

| CODE        | TYPE            | Output type | Analog output | Measure                |
|-------------|-----------------|-------------|---------------|------------------------|
| Temperature |                 |             |               |                        |
| M25651.     | CT-PT100 Out1,3 | 1, 3        | 0...20mA      | According probe PT-100 |
| M25652.     | CT-PT100 Out2   | 2           | 4...20mA      | According probe PT-100 |

Indicate: Zero value, fullscale and type of output.  
For other values, see coding table on following pages



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## Dimensions



## Connections

