

Thermocouple Transducers

Thermocouple (Temperature) Transducers - Auxiliary Powered

A range of transducers for Type T, J & K Thermocouples that provide an output directly proportional to the input. All models incorporate cold junction compensation for all base metal thermocouples and thermocouple break protection. Input, output and auxiliaries are isolated.

| Model | Accuracy | Function | Connection diagram |
|---------|-----------|-------------------------------------|--------------------|
| 256-TTC | Class 0.5 | Type T thermocouple, 150mm(6") case | 18 |
| 256-TTF | Class 0.5 | Type J thermocouple, 150mm(6") case | 18 |
| 256-TTN | Class 0.5 | Type K thermocouple, 150mm(6") case | 18 |

Specifications

| | |
|------------|---|
| Input: | Type T: 0°C to 400°C Type J: 0°C to 700°C Type K: 0°C to 1200°C |
| Output: | 0/1mA, 0/5mA, 0/10mA, 0/20mA or 4/20mA DC 1/0/1mA, 5/0/5mA, 10/0/10mA or 20/0/20mA DC 0/1V, 0/5V or 0/10V DC 1/0/1V, 5/0/5V or 10/0/10V DC |
| Current: | 1 or 5A AC |
| Optional | 100-480V AC |
| Auxiliary: | 12V, 24V, 48V, 110V or 125V DC |