

PAD-CB8-RTD 8 channel RTD connector block for PAD-TH8-P

- **Input channels:** 8 RTD channels, type Pt100, Pt200, Pt500, Ni120, ...
- **Sensor supply:** galvanically isolated to PAD-TH8-P module



Specifications

PAD-CB8-RTD	
Input channels	8 RTDs
Constant current	1250 µA (CB8-RTD-S3: 250 µA)
Constant current drift	5 ppm/°K
Connection types	2-, 3- or 4-wire
Standard input ranges	Resistor 0 to 999,99 Ohm, Pt100 a = 0.00385; Pt100 a = 0.003916; Pt200; Pt500; Ni120
CB8-RTD-S3	Resistor 0 to 999,99 Ohm, Pt100 a = 0.00385; Pt100 a = 0.003916; Pt200; Pt500; Pt1000; Pt2000
Accuracy	Pt100 a = 0.00385 ±0.25 °C @ -200 to 100 °C ±0.4 °C @ 100 to 400 °C ±0.8 °C @ 400 to 800 °C
	Pt100 a = 0.003916 ±0.25 °C @ -200 to 100 °C ±0.4 °C @ 100 to 400 °C ±0.8 °C @ 400 to 800 °C
	Pt200 a = 0.00385 ±0.25 °C @ -200 to 100 °C ±0.4 °C @ 100 to 400 °C ±0.5 °C @ 400 to 630 °C
	Pt500 a = 0.00385 ±0.25 °C @ -200 to 100 °C ±0.4 °C @ 100 to 250 °C
Accuracy	Pt1000 a = 0.00385 ±0.25 °C @ -200 to 100 °C ±0.4 °C @ 100 to 400 °C ±0.8 °C @ 400 to 600 °C
	Pt2000 a = 0.00385 ±0.25 °C @ -200 to 100 °C ±0.4 °C @ 100 to 400 °C ±0.8 °C @ 400 to 600 °C
	Ni120 ±0.3 °C @ -80 to 100 °C ±0.6 °C @ 100 to 260 °C
Typical noise	0.01 °C
Operating temperature	-25 to +80 °C
Cabel length	2m (up to 12 m on request)
Dimensions (WxDxH)	approx. 196 x 57 x 32.2 mm (7.7 x 2.2 x 1.3 in.)

PAD-CB8-x-M and PAD-CB8-x-P2 8 channel thermocouple connector block for PAD-TH8-P

- **Input channels:** 8 thermocouple
- **Thermocouple type:** versions for K, J, T



Specifications

PAD-CB8-x-P2 and PAD-CB8-x-M	
Input channels	8 isolated thermocouple input channels
Accuracy	Thermocouple type J: ±1.0 °C @ -200 to -100 °C ±0.3 °C @ -100 to 150 °C ±0.4 °C @ 150 to 400 °C ±1 °C @ 400 to 1200 °C
	Thermocouple type K: ±1.0 °C @ -200 to -25 °C ±0.4 °C @ -25 to 120 °C ±0.6 °C @ 120 to 400 °C ±1 °C @ 400 to 1372 °C
	Thermocouple type T: ±1.0 °C @ -200 to -150 °C ±0.4 °C @ -150 to 400 °C
	Thermocouple type E, R, S, N, C or other types on request
Typical noise	±0.1 °C @ 6 Hz sampling; no average
CJC	Internal
Operating temperature	-25 to +80 °C (better on request)
Cable length	2 m (up to 12 m on request)