

Special Measuring Functions of the METRAclip85

Measurements via Connector Sockets

Temperature Measurement with type K Thermocouple

Measuring Range	Resolution	Intrinsic Error ¹ under Reference Conditions
-60.0 ... 599.9 °C -76.0 ... 1111.8 °F	0.1 °C 0.1 °F	1% rdg. ±3 °C 1% rdg. ±5.4 °F
+600 ... +1200 °C +1112 ... +2192 °F	1 °C 1 °F	

¹ Plus sensor deviation

Technical Data of Type K Thermocouple

Measuring Range	0 ... 200 °C
Length of sense	1000 ±20 mm

Adapter Function – Measurement Type: DC

Measuring Range	Resolution	Intrinsic Error under Reference Conditions
0.0 ... 599.9 mV	0.1 mV	±(1.0% rdg. + 3 d)
0.60 ... 5.99 V	10 mV	

Input impedance 10 MΩ

Adapter Function – Measurement Type: AC

Measuring Range	Resolution	Intrinsic Error under Reference Conditions
5.0 ... 599.9 mV	0.1 mV	5.0 ... 59.9 mV: ±(1.0% rdg. + 10 d) 60.0 ... 599.9 mV: ±(1.0% rdg. + 3 d)
0.60 ... 5.99 V	10 mV	±(1.0% rdg. + 3 d)

Input impedance 10 MΩ