

CODIX 532 for J, K and N thermocouples



Your benefit

- temperature display in °C or °F
- MIN/MAX value acquisition and data backup in case of Power Off
- galvanic isolation with protection against incorrect polarity
- screw terminal connection: pitch 5 mm
- Display Hold input

Input ranges

J, K, N thermocouples
with external or internal
cold junction compensation

More advantages

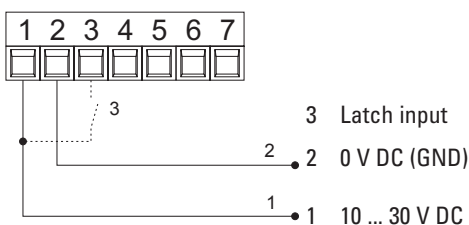
- easy programming and operation
- modern industrial design
- 5 measurements/second

Technical data

Supply voltage:	10 ... 30 V DC, galvanically isolated with integrated protection against incorrect polarity	Input:	Thermocouple sensor J (Fe-CuNi) K (Ni-CrNi) N (NiCrSi-NiSi) with sensor breakage monitoring
Current consumption:	max. 40 mA-	Temperature ranges:	according to DIN IEC 584
Display:	5-digit display, red 7-segment LED's; height 8 mm	J (Fe-CuNi)	-210.0 °C ... +1200.0 °C -346.0 °F ... +2192.0 °F
Measuring rate:	5 measurements/second	K (Ni-CrNi)	-200.0 °C ... +1372.0 °C -328.0 °F ... +2501.6 °F
Display refresh:	1 ... 2 times per second	N (NiCrSi-NiSi)	-200.0 °C ... +1300.0 °C -328.0 °F ... +2370.0 °F
Data backup:	EEPROM	Resolution:	0.1°C (0.1°F) or 1°C (1°F)
Housing:	housing for control panel 48 x 24 mm acc. to DIN 43 700; RAL 7021, dark grey	Linearity error:	< 0.4 % for the whole measuring range at an ambient temperature of 20 °C
Ambient temperature:	-20 ... +65 °C	Cold junction error:	±1.0 °C typ. ±3.0 °C
EMC:	according to EC EMC directive 89/36/EEC	Temperature drift:	0.1 K/K _{Ambient}
Interference emissions:	EN 61 000-6-4/EN 55011 Class B	Connection technique:	screw terminal, pitch 5.08 mm, 7 poles
Interference resistance:	EN 61000-6-2		
Protection:	IP65 (front)		
Weight:	app. 50 g		
Control inputs	High: 4 ... 30 V DC Low: 0 ... 2 V DC		

Electrical connection

Connection supply voltage and Latch input



Thermocouple sensor

