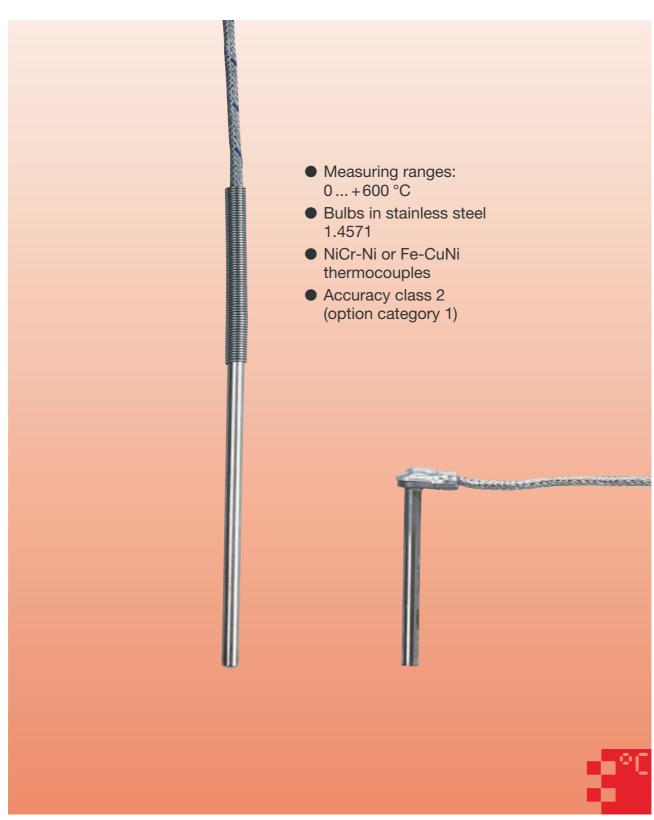


Immersion and Insertion Thermocouples with Compensating Lead







Description

The immersion and insertion thermocouples comprise a rugged sensor made of stainless steel in which the thermocouple is inserted. It is directly connected with the compensating lead. Depending on the version, the connecting leads are suitable for dry or moist rooms. The junction between connecting lead and protective tube is strain relieved.

Protective tube and thread are made of stainless steel. Other materials are available on request.

Thermocouples according to IEC 584-1, category 2 are used in the measuring insert as standard. Thermocouples accor-

ding to DIN 43 710 or other versions are also available upon request.

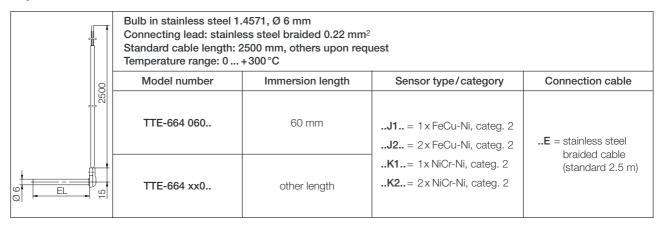
Applications

Immersion and insertion thermocouples are particularly suited for measuring temperature in liquid and gaseous media

Areas of application are to be found in heating installation, furnace, machine and apparatus construction as well as in industry in general.

Immersion/insertion thermocouples

Angular sensor



Please specify special lengths for bulb or cable in writing

Immersion/insertion thermocouples

Straight version

0 0 EL	Bulb in stainless steel 1.4571, Ø 6 mm Connecting lead: stainless steel braided 0.22 mm², with bend protection Standard cable length: 2500 mm, others upon request Temperature range: 0 +600 °C (0 +400 °C for EL=50 mm)			
	Model number	Immersion length	Sensor type/category	Connection cable
	TTE-864 050	50 mm	J1 = 1 x FeCu-Ni, categ. 2 J2 = 2 x FeCu-Ni, categ. 2 K1 = 1 x NiCr-Ni, categ. 2 K2 = 2 x NiCr-Ni, categ. 2	E = stainless steel braided cable (standard 2.5 m)
	TTE-864 100	100 mm		
	TTE-864 xx0	other length		

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