

THERMOCOUPLES TCK

K-type thermocouple, for liquid or gas temperature measurement, with insulate junction for elevated noise immunity.

The good heating transmission between Inconel coating and junction make possible to obtain a rapid response time and high accuracy.

The sensor has a spring junction and could be applied in restricted areas thanks to good mechanical characteristics (could be bent till 90° with wide bend radius).



TECHNICAL SPECIFICATIONS:

◆ Thermocouple type:	K , 1 st class
◆ Coating material:	Inconel 600
◆ Measurement range:	-40 ÷ 1000 °C
◆ Tolerance:	1,5°C till 375 °C
◆ 0,004 x [T] over 375°C	
◆ Junction insulation:	MgO (magnesium oxide)
◆ Fixing:	compression fitting 1/8" GAS/NPT with ogive
◆ Weight:	≈ 50 g
◆ Connector:	Thermocouple miniaturized plug
◆ Cable:	TTS ANSI MC 96.1 , 1 mt

