

Thermocouple cable 2 x 0,22 mm², Typ K

Description



Technical Data

Article name	Thermocouple cable 2 x 0,22 mm ² , Type K, NiCr, 100m
Application temperature	-60 °C...+350 °C, max. +400 °C
Conductor material	Thermocouple cable Type K (IEC 60584-3, class 1)
Conductor construction	7 x 0,20 mm
Wire insulation	Fiberglass
Wire colours	Green (+), white (-)
Wire diameter	Ø 1,05 ± 0,10 mm
Stranding	In location
Braiding	Stainless steel wire 1.4301
Sheath insulation	Fiberglass
Oversheath colour	White with green indentifying thread
Outer diameter	Ø 3,50 ± 0,15 mm
Environmental data	RoHs
Article number	0230 0017

The two conductors of this thermocouple cable are made of the same alloy from which type K thermocouples (NiCr-Ni) are made. Therefore, the thermocouples, which are made of this material meet the accuracy class 1 (cl. 1) of the international standard DIN EN60584. The extension of existing thermocouples (type K) is also possible and does not lead to any additional error in the measurement.

Due to the stainless steel braiding and the fiberglass insulation, this cable is very robust and finds its application in high, as well as low ambient temperatures.