



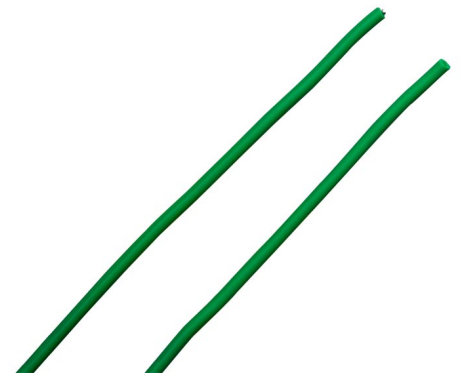
ALK/E

Thermocouple compensating cable NiCr-Ni - silicone

Measuring size:

Output:

Highlights: cold junction measuring, extension for TC



Description

The thermocouple cable from type K (NiCr-Ni) is e.g. made for to extend mantle thermocouples by using pre-mounted connectors on the cable endings (male/female).

Furthermore it can be used as a compensating cable to measure the cold junction temperature of the evaluation electronics in addition to the reference junction temperature. For the reason that the cold junction temperature may not necessarily be identical with the temperature on the measuring point the thermocouple has to be extended by means of a compensating cable. This have the same thermoelectric properties up to +200°C as the thermocouples themselves.



Technical Specifications

Cable	NiCr-Ni , type K according to DIN IEC 584 (2x0,22 mm ²)
Cable diameter	3,6 mm
Single conductor	FEP
Insulating material	silicone
Electrical connection	2-pole (green + / white -)
Working temperature	Probe: -50...+200°C, Plug: -50...+120°C

Variants

Article Number	
Description	Cable
ALK/E-AL/1	
Compensating cable type K, silicone-isolated (sold by metre)	1 m
ALK/E-VL/5	
Connecting cable type K, silicone-isolated, miniature TE-connectors pre-mounted (male/female)	5 m

Accessories

	ST/E Connector
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