

EPIC® SENSORS

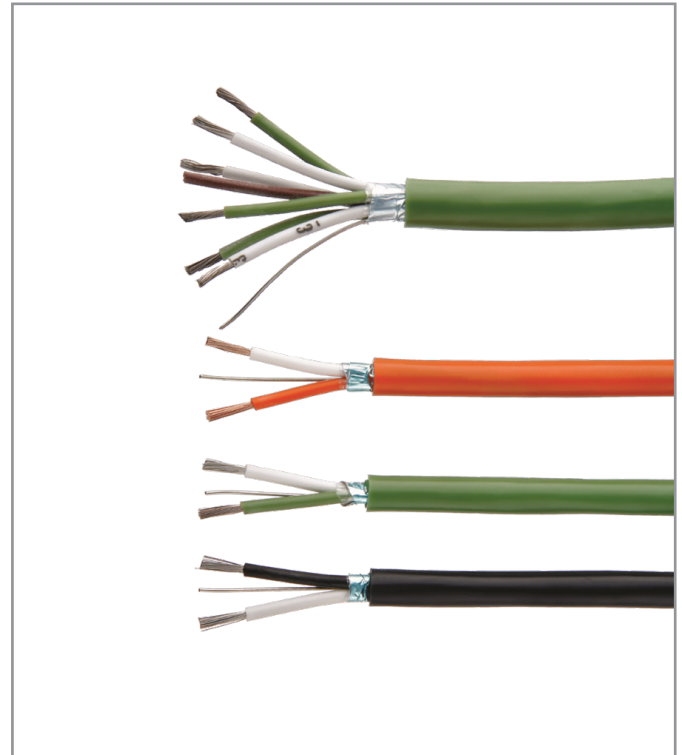
Compensating cables for thermocouple sensors

Features

- according to standard IEC 60584
- temperature range -50...+180 °C
- used to wire thermocouple sensor between hot and cold junction points
- prevents build of measurement deviation caused by thermo voltages
- cable core materials should always match with temperature sensing thermopair materials
- multicore conductor size 2x1,5 mm²
- cables with multiple conductor pairs
- silicone sheath
- aluminum film EMI shield
- customer specific lengths
- customer specific cable solutions on request
- *Trade product, not LAPP product.

Typical applications

- increase distance from hot measurement point to cooler environment, suitable for measurement devices
- compensating cable
- thermoelement cable



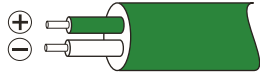

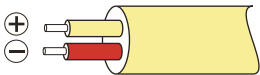
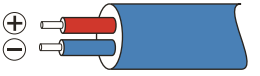


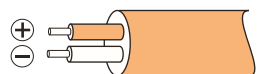
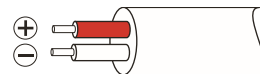


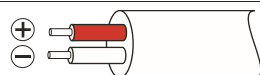





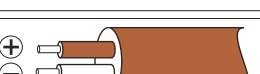



Compensating cables

Product code	Product	Cable size	Color (+/-/sheath)	Diameter ØOD [mm]
903242	NiCr/Ni 2G ST 2G KCA	2x1,5 mm ²	green/white/green	7,50 (±0,15)
1084278	NiCr/Ni 2G ST 2G KCA	3x(2x1,5 mm ²)	green/white/green	9,50 (±0,15)
911884	NiCr/Ni 2G ST 2G KCA	6x(2x1,5 mm ²)	green/white/green	13,40 (±0,15)
1084281	NiCr/Ni 2G ST 2G KCA	8x(2x1,5 mm ²)	green/white/green	14,90 (±0,15)
903256	PtRh/Pt 2G ST 2G SCA	2x1,5 mm ²	orange/white/orange	7,50 (±0,15)
1002534	PtRh/Pt 2G ST 2G SCA	2x(2x1,5 mm ²)	orange/white/orange	8,50 (±0,15)
903257	Fe/CuNi 2G ST 2G JCA	2x1,5 mm ²	black/white/black	7,50 (±0,15)
1210658	NiCrSi/NiSi 2G ST 2G NCA	2x1,5 mm ²	pink/white/pink	7,50 (±0,15)

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Color code chart

TC type	IEC 60584-3 (IEC 584)	DIN EN 60584 (DIN 43714)	ISA MC 96.1 (ANSI MC 96.1)
NiCr-Ni / K KCA: Fe-CuNi	 +green / -white Sheath: green	 +red / -green Sheath: green	 +yellow / -red Sheath: yellow
Fe-CuNi / L		 +red / -blue Sheath: blue	
Fe-CuNi / J	 +black / -white Sheath: black		 +white / -red Sheath: black
Pt10Rh-Pt / S SCA: E-Cu/A-Cu	 +orange / -white Sheath: orange	 +red / -white Sheath: white	 +black / -red Sheath: green
Pt13Rh-Pt / R RCA: E-Cu/A-Cu	 +orange / -white Sheath: orange	 +red / -white Sheath: white	 +black / -red Sheath: green
Pt30Rh-Pt6Rh / B BC: S-Cu/E-Cu	 +grey / -white Sheath: grey		 +grey / -red Sheath: grey
NiCrosil-Nisil / N NC: Cu-CuNi	 +pink / -white Sheath: pink		
Cu-CuNi / U		 +red / -brown Sheath: brown	
Cu-CuNi / T	 +brown / -white Sheath: brown		
NiCr-CuNi / E	 +purple / -white Sheath: purple	 +red / -purple Sheath: purple	 +purple / -red Sheath: purple