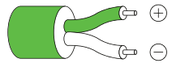
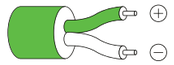
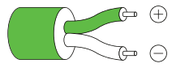
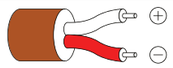
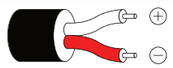
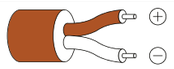
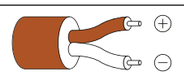
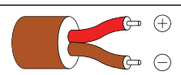
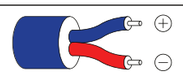
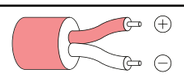
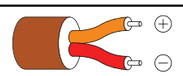
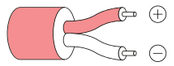
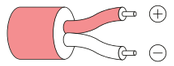
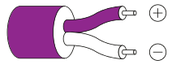
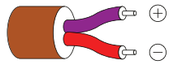
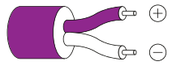
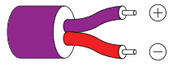
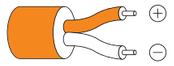
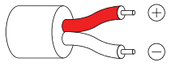
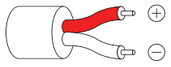
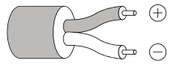
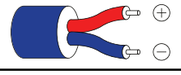
Thermocouple and compensating cables for thermocouples

Limit deviations - National and international labeling system

GARNISCH
SPECIAL CABLE PRODUCTION

Materials	International code letters			International color coding according to IEC 60584	Germany according to DIN 43713	USA according to ANSI MC 96.1	Limit deviations according to IEC 60584				Measuring point temperature
							Class 1		Class 2		
	Thermocouple	Thermocouple cable	Compensating cable				Temperature range	Tolerance	Temperature range	Tolerance	
NiCr/Ni KCA: Fe-CuNi	**K**						-40 °C to 1000 °C	±1.5 °C	-40 °C to 1200 °C	±2.5 °C	
		KX					-25 °C to 200 °C	±1.5 °C	-25 °C to 200 °C	±2.5 °C	900°C
			KCA				*	*	0 °C to 150 °C	±2.5 °C	900°C
Fe/CuNi	**J**						-40 °C to 750 °C	±1.5 °C	-40 °C to 750 °C	±2.5 °C	
		JX					-25 °C to 200 °C	±1.5 °C	-25 °C to 200 °C	±2.5 °C	500°C
Cu/CuNi	**T**						-40°C to 350 °C	±0.5 °C	-40 °C to 350 °C	±1.0 °C	
		TX					-25 °C to 100 °C	±0.5 °C	-25 °C to 100 °C	±1.0 °C	300°C
NiCrosil/Nisil NC: Cu/CuNiFe	**N**						-40 °C to 1000 °C	±1.5 °C	-40 °C to 1200 °C	±2.5 °C	
		NX					-25 °C to 200 °C	±1.5 °C	-25 °C to 200 °C	±2.5 °C	900°C
			NC						0 °C to 150 °C	±2.5 °C	900°C
NiCr/CuNi	**E**						-40 °C to 800 °C	±1.5 °C	-40 °C to 900 °C	±2.5 °C	
		EX					-25 °C to 200 °C	±1.5 °C	-25 °C to 200 °C	±2.5 °C	500°C
E-Cu/A-Cu			**RCA**						0 °C to 100 °C	±2.5 °C	1000°C
			RCB						0 °C to 200 °C	±5.0 °C	1000°C
			SCA						0 °C to 100 °C	±2.5 °C	1000°C
			SCB						0 °C to 200 °C	±5.0 °C	1000°C
S-Cu/E-Cu			**BC**						0 °C to 100 °C	±3.5 °C	1400°C
Fe/CuNi	**L**								-200 °C to 900 °C	±3.0 °C	
		LX							-200 °C to 900 °C	±3.0 °C	900°C

Limited tolerances (e.g. ANSI special or L and LX with ±1.5 °C) also available on request.

*KCA compensating cable also available in class 1.