



Table 8-1: international colour codes for extension and compensating cables

Thermo couple		IEC 60584-3		DIN 43710*		ANSI MC 96.1		BS 4937		NF C 42-324		
		XC	CC	XC	CC	XC	CC	XC	CC	XC	CC	
T	Cu - CuNi	TX	 -25 °C up to +100 °C			TX	 0 °C up to +100 °C	TX	 0 °C up to +100 °C	TX	 -25 °C up to +100 °C	
U	Cu - CuNi			UX	 0 °C up to +200 °C							
J	Fe - CuNi	JX	 -25 °C up to +200 °C			JX	 0 °C up to +200 °C	JX	 0 °C up to +200 °C	JX	 -25 °C up to +200 °C	
L	Fe - CuNi			LX	 0 °C up to +200 °C							
E	NiCr - CuNi	EX	 -25 °C up to +200 °C			EX	 0 °C up to +200 °C	EX	 0 °C up to +200 °C	EX	 -25 °C up to +200 °C	
K	NiCr - Ni	KX	 -25 °C up to +200 °C	KX	 0 °C up to +200 °C	KX	 0 °C up to +200 °C	KX	 0 °C up to +200 °C	KX	 -25 °C up to +200 °C	
K	NiCr - Ni		 0 °C up to +150 °C	KCA	 0 °C up to +150 °C					WC	 0 °C up to +150 °C	
K	NiCr - Ni		 0 °C up to +100 °C						VX	 0 °C up to +100 °C	VC	 0 °C up to +100 °C
N	NiCrSi - NiSi	NX	 -25 °C up to +200 °C	NC	 0 °C up to +150 °C							
R S	PtRh13 - Pt PtRh10 - Pt		 0 °C up to +200 °C		 0 °C up to +200 °C		SX	 0 °C up to +200 °C	SX	 0 °C up to +200 °C	SC	 0 °C up to +200 °C
B	PtRh30 - PtRh6						BX	 0 °C up to +100 °C		BC	 0 °C up to +100 °C	

The stated temperature specifies the application temperature range for each type.
The application temperature range must be reduced if it is required by the insulation material used for the cable.
*DIN 43710 was withdrawn in April 1994.

XC = extension cables
CC = compensating cables