

Symbol of Thermocouple	Symbol of cable	Positive alloy	Negative alloy	DIN 43714			ANSI MC 96.1			IEC 584-3		
				+	-	sheath	+	-	sheath	+	-	sheath
T	Tx	E Copper	Isotan T	red	brown	brown	blue	red	blue	brown	white	brown
J	Jx	Iron	Isotan J	red	blue	blue	white	red	black	black	white	black
K	Kx	Isatherm plus	Isatherm minus	red	green	green	yellow	red	yellow	green	white	green
	Wx	Iron	Isaminus	red	green	green	---	---	---	green	white	green
S	Sx	E Copper	A Copper 11	red	white	white	black	red	green	orange	white	orange
R	Rx	E Copper	A Copper 11	red	white	white	black	red	green	orange	white	orange
B	Bx	E Copper	E Copper	red	grey	grey	grey	red	grey	grey	white	grey
	Bx ²	S Copper	E Copper	red	grey	grey	grey	red	grey	grey	white	grey

Cable	Cable type	Use cable	Temperatures °C	IEC 60584
				class 2
Tx	Extension	connect the thermocouple with instrument and realize the thermocouples	from -25 to 100	± 1,0 °C
Jx	Extension		from -25 to 200	± 2,5 °C
Kx	Extension		from -25 to 200	± 2,5 °C
Wx	Compensation	connect the thermocouple with instrument	from 0 to 150	± 2,5 °C
Sx	Compensation		from 0 to 200	± 5,0 °C
Rx	Compensation		from 0 to 200	± 5,0 °C
Bx	Compensation		from 0 to 100	± 3,5 °C
Bx ²	Compensation		from 0 to 200	+ 0 - 3,7 °C