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Thermocouple Extension and Compensating Cables

Codes · Conductor Combinations · Nationa

Thermocouple Conductor Combination Type	Extension and Compensating Cable Type: Extension Cable	Extension and Compensating Cable Type: Compensating Cable	International Colour Code To IEC 60584.3:2007 BS EN 60584.3:2008	International Colour Code To IEC 60584.3:2007 BS EN 60584.3:2008 for Intrinsically Safe Circuits	Redundant national colour coding for insulation of thermocouple extension and compensating cable: BRITISH To BS 1843	AMERICAN To ANSI/MC96.1	GERMAN To DIN 43714	FRENCH To NFC 42324	JAPANESE To JIS C 1610-1981	Tolerance values to IEC 60584.3:2007 (B compensating cables when used at temp range column sl — Tolerance Class 1	Tolerance Class 2
K	KX									±60 µV (±1.5°C)	±100 µV (±2.5°C)
		KCA									±100 µV (±2.5°C)
		KCB									±100 µV (±2.5°C)
T	TX									±30 µV (±0.5°C)	±60 µV (±1.0°C)
J	JX									±85 µV (±1.5°C)	±140 µV (±2.5°C)
N	NX									±60 µV (±1.5°C)	±100 µV (±2.5°C)
		NC									±100 µV (±2.5°C)
E	EX									±120 µV (±1.5°C)	±200 µV (±2.5°C)
R		RCA									±30 µV (±2.5°C)
		RCB									±60 µV (±5.0°C)
S		SCA									±30 µV (±2.5°C)