

Extension and compensating cables

Couple		Nature of conductors of extension or compensating cables		Symbol	Former standards				
Nature	Symb.	Positive	Negative		French	British	German		
				Cenelec standard HD 446.351 French standard NFC 42-324 British standard BS4937 part 30 German standard DIN IEC 584 International standard IEC 60 584-3 American standard ANSI/MC96.1					
copper/ copper-nickel	T	copper	copper-nickel T	TX TC					
iron/ copper-nickel	J	pure iron	copper-nickel J	JX JC					
nickel-chromium/ copper-nickel	E	nickel-chromium	copper-nickel E	EX EC					
nickel-chromium/ nickel-aluminium/ nickel-aluminium/ nickel-aluminium/	K	nickel-chromium	nickel-aluminium	KX KC					
		iron	copper-nickel	KCA					
		copper	copper-nickel	KCB					
nickel-chromium silicium/ nickel-silicium	N	nickel-chromium silicium	nickel-silicium	NX NC					
platinum-rhodium (10 or 13 %)/ platinum	S or R	copper	S or R copper-nickel	SCA SCB RCA RCB					
platinum-rhodium 30 %/ platinum-rhodium 6 %	B	copper	copper alloy	BC					

Symbol

Note: the letter C next to the thermocouple indicates that it is a compensation cable. The letter X indicates an extension cable.