

EXTENSION AND COMPENSATION CABLES FOR THERMOCOUPLE

IDENTIFICATION TABLE FOR
STANDARDS

IEC 60584
DIN EN 6058
BS EN IEC 60584
NF EN 60584
ASTM E230/230M-17
JIS C 1602 -JIS C1610

International Standards
Germany
Great Britain
France
USA
Japan

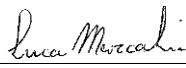
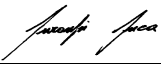
INTERNATIONAL ACRONYMS OF IDENTIFICATION FOR CABLES AND THERMOCOUPLES

CABLE ACRONYM	POSITIVE CONDUCTOR	SPECIFIC RESISTANCE $\Omega \times m$	NEGATIVE CONDUCTOR	SPECIFIC RESISTANCE $\Omega \times m$	VALUE of e.m.f. at mV a 200°C	# Tolerance Class 2 $\pm mV (^{\circ}C)$	THERMOCOUPLE ACRONYM
TX	Red Copper	0,01724	Constantan	0,4900	9,288	0.06 (1,0°) from -25 to 100°C	T
JX	Iron	0,14000	Constantan	0,4900	10,779	0.14 (2.5°) from -25 to 200°C	J
KX	Chromel®	0,70600	Alumel®	0,2920	8,138	0.10 (2.5°) from -25 to 200°C	K
SCB (SX)	Red Copper	0,01724	Copper-Nikel (Lega 11)	0,1200	1,440	0.06 (5,0°) from 0 to 200°C	S
KCA (WX)	Iron	0,14000	Copper-Nikel (Lega 410)	0,5200	8,138	0.10 (2.5°) from 0 to 150°C	W/X

Special types on request : EX - BX - VX - RX

IDENTIFICATION COLOURS FOR CABLES WITH REFERENCE TO STANDARD

CABLE ACRONYM	STANDARD	COLOURS					CABLE ACRONYM	STANDARD	COLOURS				
		EXTERNAL SHEATH	POSITIVE CONDUCTOR	NEGATIVE CONDUCTOR					EXTERNAL SHEATH	POSITIVE CONDUCTOR	NEGATIVE CONDUCTOR		
TX	ANSI	Blue	Blue	Red			JX	ANSI	Black	White	Red		
	DIN	Brown	Red	Brown				DIN	Blue	Red	Blue		
	BS	Blue	White	Blue				BS	Black	Yellow	Blue		
	NFE	Blue	Yellow	Blue				NFE	Black	Yellow	Black		
	JIS	Brown	Red	White				JIS	Yellow	Red	White		
	IEC	Brown	Brown	White				IEC	Black	Black	White		
KX	ANSI	Yellow	Yellow	Red			SX	ANSI	Green	Black	Red		
	DIN	Green	Red	Green				DIN	White	Red	White		
	BS	Red	Brown	Blue				BS	Green	White	Blue		
	NFE	Yellow	Yellow	Violet				NFE	Green	Yellow	Green		
	JIS	Blue	Red	White				JIS	Black	Red	White		
	IEC	Green	Green	White				IEC	Orange	Orange	White		
WX	ANSI	White	Green	Red			Formula to calculate resistance on the section Specific resistance Ω/m Section mm^2						IEC-WX * Not regulated coloration, produced against specific request
	DIN	Green	Red	Green									
	BS	-	-	-									
	NFE	White	Yellow	White									
	JIS	-	-	-									
	IEC *	Green	Green	White									

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Redatto SETP		Verificato SEP		Approvato DIG	
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