

ÖZET TABLOLAR
SUMMARY TABLES

TABLO 1 TABLE 1
Güncel tanımlar ve renk kodları
Current designations and color-coding




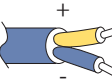
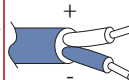
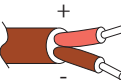

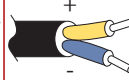
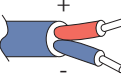
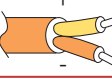
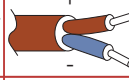

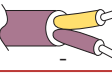
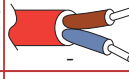

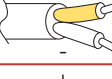




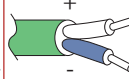

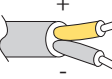
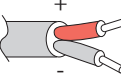
TERMOKUPULLAR - THERMOCOUPLES					UZATMA VE KOMPANZASYON EXTENSION - COMPENSATION									
SEMBOOLLER SYMBOLS	METALIN CINSİ TYPE OF METAL		Normal çalışma sıcaklığı Normal working temperature °C	E.m.f at 100 °C in mv	SEMBOOLLER SYMBOLS		METALIN CINSİ TYPE OF METAL		RENK KODU (3) (4) - COLOUR CODE (3) (4)					
	+	-			Uzatma sınıf 1 Extension class 1	Uzatma sınıf 2 veya kompanzasyon Extension class 2 or compensation	+	-	IEC 584-3 (1989)	ANSI / MC 96-1 (5) (1964)	JIS C 1610 (1995)			
T	Bakır Copper	Bakır Nikel T Copper-Nickel T	-200°C to +350°C	4.277	TX1	TX2 or TC	Bakır Copper	Bakır Nikel T Copper-Nickel T						
J	Demir Iron	Bakır Nikel J Copper-Nickel J	-40°C to +750°C	5.268	JX1	JX2 or JC	Demir Iron	Bakır Nikel J Copper-Nickel J						
E	Nikel Krom Nickel Chromium	Bakır Nikel E Copper-Nickel E	-150°C to +800°C	6.317	EX1	EX2 or EC	Nikel Krom Nickel Chromium	Bakır Nikel E Copper-Nickel E						
K	Nikel Krom Nickel Chromium	Alaşımlı Nikel Alloyed Nickel	-150°C to +1100°C	4.095	KX1	KX2 or KC	Nikel Krom Nickel Chromium	Nikel Alüminyum Nickel Aluminium						
								KCA (or WC)	Demir Iron	Bakır Nikel Copper-Nickel KCA			WX	
								KCB (or VC) (1)	Bakır Copper	Bakır Nikel KCB Copper - Nickel KCB			VX	
N	Nikel Krom Silisyum Nickel Chromium Silicium	Nikel Silisyum Nickel Silicium	-150°C to +1100°C	2.774	NX1	NX2 or NC	Nikel Krom Silisyum Nickel Chromium Silicium	Nikel Silisyum Nickel Silicium						
R	Platin Rodyum %13 Platinum 13% Rhodium	Platin Platinum	0°C to +1600°C	0.647		RCA or RCB	Bakır Copper	Bakır Nikel R Copper - Nickel R		SX	RX			
S	Platin Rodyum %10 Platinum 10% Rhodium	Platin Platinum	0°C to +1550°C	0.645		SCA or SCB	Bakır Copper	Bakır Nikel S Copper - Nickel S			SX			
B	Platin Rodyum %30 Platinum 30% Rhodium	Platin Rodyum %6 Platinum 6% Rhodium	-600°C to +1700°C	0.033		BC	Alaşımlı bakır (2) Alloyed Copper (2)	Bakır Copper		BX	BX			
W	Tungsten	Tungsten Renyum 26% Tungsten Rhenium 26%	0°C to +2600°C	(to 1000°C) 14.500		GC								
W3	Tungsten Renyum 3% Tungsten Rhenium 3%	Tungsten Renyum 25% Tungsten Rhenium 25%	0°C to +2100°C	(to 1000°C) 18.257		DC								
W5	Tungsten Renyum 5% Tungsten Rhenium 5%	Tungsten Renyum 26% Tungsten Rhenium 26%	0°C to +2600°C	(to 1000°C) 18.226		CC								

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ÖZET TABLOLAR
SUMMARY TABLES

TABLO 2 - TABLE 2

Avrupada kullanılan eski tanımlar ve renk kodları
Former designations and color codes used in Europe

UZATMA VE KOMPANZASYON EXTENSION - COMPENSATION						
SEMBOLLER SYMBOLS		METALİN CİNSİ TYPE OF METAL		RENK KODU - COLOUR CODE (4)		
Uzatma sınıf 1 veya 2 Extension class 1 or 2	Compensasyon Compensation	+	-	 NF C 42-324 (6) (1985)	 BS 1843 (1952)	 DIN 43714 (1979)
TX	TC	Bakır Copper	Bakır Nikel T Copper-Nickel T			
JX	JC	Demir Iron	Bakır nikel J Copper-Nickel J			
EX	EC	Nikel Krom Nickel Chromium	Bakır Nikel E Copper-Nickel E			
KX	KC	Nikel Krom Nickel Chromium	Alaşımli Nikel Alloyed Nickel			
	WC	Demir Iron	Bakır nikel W Copper-Nickel W			
	VC	Bakır Copper	Bakır Nikel V Copper-Nickel V			
NX	NC	Nikel Krom Nickel Chromium	Silisyum Nikel Siliconium Nickel			
	SC	Bakır Copper	Bakır Nikel Copper-Nickel S			
	BC	Alloyed Copper (2)	Copper			

1) VC ve WC eskiden kullanılan sembollerdir. (bakınız tablo II).

2) Termokupl/kompansasyon kablosu 100°C'nin altındaki sıcaklıklar için kullanıldığında, kompansasyon kablosunun her iki damarının iletkeni bakır olabilir. Bu durumda renk kodu aynı kalır.

3) Burada gösterilen renk kodları uzatma ve kompansasyon kabloları içindir. Renk kodları ilgili termokupl kablosu için her zaman ayırt edici değildir:

- Uluslararası standartlarda termokupl kablolarının renk kodlarını belirlenmemiştir.
- ANSI MC 96-1 termokupl kablosunun pozitif iletkeni için geleneksel renk kodu koyu kahve rengi veya üzerinde şerit bulunan kahve rengidir.

4) ANSI MC 96-1 (1964) standardına göre olan uzatma ve kompansasyon kablolarının renk kodları sadece bilgi için verilmiştir. Söz konusu renk kodları halen kullanılmalarına rağmen bu standart son dönemde geçersiz sayılmıştır.

(1) VC and WC are the former symbols (see table II).

(2) When the thermocouple/compensation cable junction remains at a temperature of less than 100°C, the core of the two conductors of the compensation cable may be made of copper (but keeping the same color code).

(3) The color codes shown are those of the extension and compensation cables. The color codes for the cables of the corresponding thermocouples are not always identical:

- International standards do not define color codes for thermocouple cables.
- The conventional color of the thermocouple cables as per specification ANSI MC 96-1 is solid brown or brown with a tracer in the color of the positive conductor.

(4) The color codes for the extension and compensation cables of the standard ANSI MC 96-1 (1964) are given for Information only, because although they are still used, this standard has recently been discarded.