



**Product:** [83932](#)

Type KX Thermocouple, 1 Pr #20 Sol, FEP Ins Yel, Red, Yellow FEP Jkt, 300V CL3P 200C PLTC SUN RES

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**Product Description**

Type KX Thermocouple, 1 Pair 20AWG (Solid) Chromel+Alumel, FEP Insulation Yel, Red Color Code, Yellow FEP Outer Jacket, CL3P 200C PLTC SUN RES

**Technical Specifications**

**Construction Details**

**Conductor**

Element	Number of Element	Size	Stranding	Material
Pair(s)	1	20 AWG	Solid	Chromel & Alumel

**Insulation**

Element	Material	Nom. Thickness	Nom. Insulation Diameter	Color Code
Pair(s)	FEP - Fluorinated Ethylene Propylene	0.01 in (0.25 mm)	0.052 in (1.3 mm)	Yellow, Red

**Outer Shield**

Material
No Shield

**Outer Jacket**

Material	Nom. Thickness	Nom. Diameter
FEP - Fluorinated Ethylene Propylene	0.012 in (0.30 mm)	0.076 x 0.128 in

Overall Cable Diameter (Nominal): 0.076 x 0.128 in

**Electrical Characteristics**

**Electricals**

Nom. Conductor DCR
420 Ohm/1000ft
169 Ohm/1000ft (554 Ohm/km)

**Voltage**

UL Voltage Rating
200 V

**Mechanical Characteristics**

**Temperature**

UL Temperature	Operating
200°C	-70°C to +200°C

**Bend Radius**

Stationary Min.	Installation Min.
0.76 in (19 mm)	0.76 in

Max. Pull Tension:	575 lbs
Bulk Cable Weight:	12 lbs/1000ft

## Standards and Compliance

Environmental Suitability:	Indoor, Outdoor, Sunlight Resistance
Flammability / Reaction to Fire:	NFPA 262 (UL 910)
NEC / UL Compliance:	Article 725, CL3P, PLTC
European Directive Compliance:	EU CE Mark, EU Directive 2015/863/EU (RoHS 2 amendment), EU Directive 2011/65/EU (RoHS 2), EU Directive 2012/19/EU (WEEE)
APAC Compliance:	China RoHS II (GB/T 26572-2011)
Other Standard Compliance(s):	ISA MC 96.1-1982 Type KX

## Product Notes

Notes:	Chromel & Alumel = "Chromel and Alumel are Hoskins Manufacturing Company trademarks."
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## History

Update and Revision:	Revision Number: 0.388 Revision Date: 12-21-2021
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## Variants

Item #	Color	Putup Type	Length	UPC
83932 0041000	Yellow	Reel	1,000 ft	612825205944

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