



TE Wire & Cable

The most trusted name in thermocouple wire since 1941

107 North Fifth Street • Saddle Brook, NJ 07663-6167 • 888-4TE-WIRE • www.tewire.com

PRODUCT SPECIFICATION: FW3113

20 AWG KX, 20 AWG BX, 16 AWG SnCu triad cable, FEP ins and jkt, ss braid

Prepared by J. Dutka
Date June 11, 2013

Revision -

Manufacturing description: TEX/TEXSTWK-16F3SNCU,20F-KX,BX

Construction Details

Conductor 20 AWG stranded thermocouple extension type KX per ASTM E230 & ANSI MC96.1
16 AWG stranded tin plated copper triad
20 AWG stranded tin plated copper pair

Insulation Extruded FEP. Nominal thickness 0.010"
Color 20 AWG KX:(+) yellow, (-) red.
Color 20 AWG BX (tinned copper): 1 orange, 1 blue.
16 AWG 3SNCU (tinned copper): 1 white, 1 black, 1 green.

Cabling The KX (yellow/blue) pair is twisted and shielded with aluminum/polyester tape and a drain wire.
The BX (orange/blue) pair is twisted and shielded with aluminum/polyester tape and a drain wire.
The SNCU triad (white/black/green) is twisted with no shield.

Overall cabling 1 pair of KX, 1 pair of BX, and 1 triad of SNCU are cabled together and wrapped with polyester tape.

Jacket Extruded FEP
Color: yellow

Braid Stainless steel overbraid. Nominal final diameter 0.319"

The information contained in this drawing is proprietary property of TE Wire and cable. It may not be used or reproduced, in whole or in part, without written authorization of TE Wire and Cable