



TE Wire and Cable

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PRODUCT SPECIFICATION: FW22830

CUSTOMER PART NUMBER:

20 AWG, 4 conductors type JXP and JXN, PVC ins, shielded, 16 AWG 9CU, PVC ins, shielded, PVC jkt.

Prepared by: J. Rybak Date: 1/22/2020 Revision: A

Approved by: Date:

Customer Approval: Date:

Manufacturing Description

P/ALPTWK-04-20F-JX,16F-9CU

Construction Details

Conductor 20 AWG, stranded thermocouple, extension grade, type JX per ASTM E230.
16 AWG, stranded bare copper conductor per ASTM B3 and B8.

Insulation Extruded PVC. Color code:
JX: (+) white, (-) red.
Copper: (8) black, (1) green.

Cabling (8) thermocouple conductors are twisted together: one (1) white in the center.
seven around one in order: (1) red, (2) white, (2) red, (3) white, (3) red, (4) white, (4) red.
Conductors are numbered printed for identification.
Shield - aluminum/polyester tape applied helically.
Drain - 22 AWG stranded tin plated copper wire.
(9) copper conductors are twisted around (8) shielded conductors.
Conductors are numbered printed for identification.
Shield - aluminum/polyester tape applied helically.
Drain - 22 AWG stranded tin plated copper wire.
Fillers as needed.

Jacket Extruded PVC.
Nominal final diameter: 0.513 inches.
Color: black.

Other Temperature rating: 221 °F.

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