

High-temperature Type K

Product Description

Type K
Positive Leg: Chromel
Negative Leg: Alumel

Applications

For use in inert or oxidizing atmospheres.

Specifications

- ASSEMBLY: All constructions are duplex (parallel)
- COLOR CODE: Standard ISA/ANSI color coding is used on all thermocouple wire when type of insulation permits. In color coding, the right is reserved to include a tracer to identify the ANSI type, ISA/ANSI Type K color code: positive leg (Chromel) is yellow, negative leg (Alumel) is red, jacket is brown
- STANDARD: All products listed below are calibrated to the standard limits of error as stated in ISA/ANSI MC96.1
- TEMPERATURE: Temperature ratings listed below are continuous, single-reading temperature ratings are available upon request

FEP Insulation/Jacket Temperature Rated: 200°C

Part No.	Conductor Size AWG/kcmil	Type of Conductor	No. of Conductors	Type of Insulation	Type of Jacket	Nom. O.D. (in.)	ANSI Color Coded
328-660-2011K	20	Solid	2	FEP	FEP	0.072 x 0.124	Yes
328-660-2011K-B	20	Solid	2	FEP	FEP	0.076 x 0.128	Yes
328-660-1611K	16	Solid	2	FEP	FEP	0.087 x 0.154	Yes

Fused TFE Tape Insulation/Jacket Temperature Rated: 260°C

Part No.	Conductor Size AWG/kcmil	Type of Conductor	No. of Conductors	Type of Insulation	Type of Jacket	Nom. O.D. (in.)	ANSI Color Coded
328-220-2411K	20	Solid	2	Fused TFE tape	Fused TFE tape	0.060 x 0.096	Yes
328-220-2011K	24	Solid	2	Fused TFE tape	Fused TFE tape	0.072 x 0.120	Yes

Polyimide Insulation/Jacket Temperature Rated: 260°C

Part No.	Conductor Size AWG/kcmil	Type of Conductor	No. of Conductors	Type of Insulation	Type of Jacket	Nom. O.D. (in.)	ANSI Color Coded
328-550-2411K	20	Solid	2	Polyimide	Polyimide	0.040 x 0.070	Yes
328-550-2011K	24	Solid	2	Polyimide	Polyimide	0.052 x 0.094	Yes

Glass Braid Insulation/Jacket Temperature Rated: 510°C

Part No.	Conductor Size AWG/kcmil	Type of Conductor	No. of Conductors	Type of Insulation	Type of Jacket	Nom. O.D. (in.)	ANSI Color Coded
328-110-3011K	30	Solid	2	Glass braid	Glass braid	0.030 x 0.048	Yes
328-110-2411K	24	Solid	2	Glass braid	Glass braid	0.040 x 0.068	Yes
328-110-2421K	24	Stranded	2	Glass braid	Glass braid	0.048 x 0.084	Yes
328-110-2011K	20	Solid	2	Glass braid	Glass braid	0.056 x 0.100	Yes
328-110-2021K	20	Stranded	2	Glass braid	Glass braid	0.060 x 0.108	Yes
328-110-1611K	16	Solid	2	Glass braid	Glass braid	0.085 x 0.150	Yes
328-110-1411K	14	Solid	2	Glass braid	Glass braid	0.100 x 0.180	Yes

High-temperature Glass Insulation/Jacket Temperature Rated: 704°C

Part No.	Conductor Size AWG/kcmil	Type of Conductor	No. of Conductors	Type of Insulation	Type of Jacket	Nom. O.D. (in.)	ANSI Color Coded
328-330-2411K	24	Solid	2	Hi-temp glass	Hi-temp glass	0.064 x 0.102	Yes
328-330-2011K	20	Solid	2	Hi-temp glass	Hi-temp glass	0.084 x 0.142	Yes

Vitreous Silica Insulation/Jacket Temperature Rated: 982°C

ANSI Certificates of Compliance and calibration reports available upon request. Stainless steel, tinned copper and Inconel overbraids may be added to the constructions listed above. Diameters may vary among manufacturers.

Part No.	Conductor Size AWG/kcmil	Type of Conductor	No. of Conductors	Type of Insulation	Type of Jacket	Nom. O.D. (in.)	ANSI Color Coded
328-440-2411K	24	Solid	2	Vitreous silica	Vitreous silica	0.086 x 0.138	No
328-440-2011K	20	Solid	2	Vitreous silica	Vitreous silica	0.098 x 0.162	No