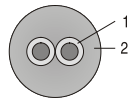


Extension and Compensating Cables PVC/PVC-insulated



1. Core insulation - PVC
2. Outer insulation - PVC

Cores twisted

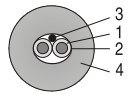
Version of isolation for temperatures -10 to +105 °C, circle cross-section
Use for wet environment and medium mechanical load

Type	Description			
	For thermocouple	Number of wires	Core	Approx. Outer Diameter
• K1016JX	"J"	1x2	0.22 mm ² , stranded	3.6 mm
• K1045KC	"K"	1x2	0.22 mm ² , stranded	3.6 mm

Example of order: K1016JX

- ... Ex stock version

Extension and Compensating Cables PVC-insulated and Plastic-laminated Aluminium Foil



1. Core insulation - PVC
2. Shield - Plastic-laminated aluminium foil
3. Cooper ground wire
4. Outer insulation - PVC

Cores twisted

Version of isolation for temperatures -10 to +105 °C

Type	Description			
	For thermocouple	Number of wires	Core	Approx. Outer Diameter
• K1041JX	"J"	1x2	0.22 mm ² , stranded	4.4 mm
• K1021JX	"J"	1x2	1.30 mm ² , stranded	7.3 mm
• K1030KC	"K"	1x2	0.22 mm ² , stranded	4.4 mm
• K1022KC	"K"	1x2	1.30 mm ² , stranded	7.3 mm
K1033SC	"R/S"	1x2	0.22 mm ² , stranded	4.4 mm
K1023SC	"R/S"	1x2	1.30 mm ² , stranded	7.3 mm

Example of order: K1022KC

- ... Ex stock version

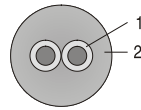
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Extension and Compensating Cables Silicone Rubber-insulated



1. Core insulation - Silicone rubber
2. Outer insulation - Silicone rubber

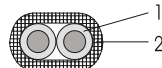
Cores twisted

Version of isolation for temperatures up to +200 °C
Use for wet environment with low mechanical load

Type	Description			
	For thermocouple	Number of wires	Core	Outer Diameter
• K1044JX ¹⁾	"J"	1x2	0.22 mm ² , stranded	4.2 mm
• K1068JX ¹⁾	"J"	2x2	0.22 mm ² , stranded	4.2 mm
K1103KX ¹⁾	"K"	1x2	0.22 mm ² , stranded	4.2 mm
• K1011KC	"K"	1x2	0.22 mm ² , stranded	4.2 mm
• K1070KC	"K"	2x2	0.22 mm ² , stranded	4.2 mm

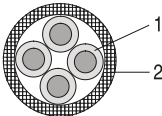
Example of order: K1068JX

Extension and Compensating Cables Teflon® FEP/Teflon® FEP-insulated



Cores laid parallel

1. Core insulation - Teflon® FEP
2. Outer insulation - Teflon® FEP



Cores twisted

Version of isolation for temperatures -200 to +200 °C, oval cross-section
Use for high temperatures with requirement of resistance to chemicals

Type	Description			
	For thermocouple	Number of wires	Core	Approx. Outer Diameter
• K1003JX	"J"	1x2	0.75 mm ² , stranded	2.4 x 4.2 mm
• K1046KC	"K"	1x2	0.50 mm ² , stranded	2.0 x 3.5 mm
• K1009KC	"K"	1x2	0.75 mm ² , stranded	2.4 x 4.2 mm
• K1015SC	"R/S"	1x2	0.75 mm ² , stranded	2.4 x 4.2 mm

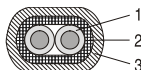
Example of order: K1046KC

Version of isolation for temperatures -200 to +200 °C, circle cross-section

Type	Description			
	For thermocouple	Number of wires	Core	Approx. Outer Diameter
K1010KC	"K"	2x2	0.75 mm ² , stranded	5.1 mm

Example of order: K1010KC

Compensating Cables Teflon® FEP-insulated and Cooper Wire Braid



1. Core insulation - Teflon® FEP
2. Shield - Cooper braid
3. Outer insulation - Teflon® FEP

Cores twisted

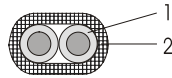
Version of isolation for temperatures up to +250 °C ("K"), up to +200 °C ("N"),
oval cross-section
Use for high temperatures with requirement of partial resistance to chemicals

Type	Description			
	For thermocouple	Number of wires	Core	Approx. Outer Diameter
• K1102KC	"K"	1x2	0.22 mm ² , stranded	3.1 mm
K1104ND	"N"	1x2	0.22 mm ² , stranded	2.8 mm

Example of order: K1102KC

• ... Ex stock version

Extension and Compensating Cables Teflon® PFA/Teflon® PFA-insulated



Cores twisted

1. Core insulation - Teflon® PFA
2. Outer insulation - Teflon® PFA

Version of isolation for temperatures up to +260 °C ("J"), up to +200 °C ("K")
Use for high temperatures with requirement of resistance to chemicals

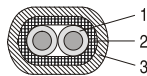
Type	Description For thermocouple	Number of wires	Core	Outer Diameter
• K1071JX ¹⁾	"J"	1x2	0.22 mm ² , stranded	2.8 mm
• K1072JX ¹⁾	"J"	2x2	0.22 mm ² , stranded	2.8 mm
• K1073KC	"K"	1x2	0.22 mm ² , stranded	2.8 mm
• K1074KC	"K"	2x2	0.22 mm ² , stranded	2.8 mm

Example of order: K1071JX

• ... Ex stock version

¹⁾ ... Accuracy class 1 according to ANSI 96.1.

Extension and Compensating Cables Silicone Rubber-insulated and Fibreglass/Galvanized Steel Wire Braid



Cores laid parallel

1. Core insulation - Silicone rubber
2. Outer insulation - Fibreglass braid
3. Sheath - Galvanized steel wire braid

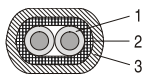
Version of isolation for temperatures -60 to +200 °C, oval cross-section

Type	Description For thermocouple	Number of wires	Core	Approx. Outer Diameter
• K1001JX	"J"	1x2	1.30 mm ² , stranded	4.3 x 6.5 mm
• K1031JX	"J"	1x2	0.75 mm ² , stranded	—
• K1007KC	"K"	1x2	1.30 mm ² , stranded	4.3 x 6.5 mm
• K1032KC	"K"	1x2	0.75 mm ² , stranded	—
• K1050SC	"R/S"	1x2	0.75 mm ² , stranded	—
• K1089BC	"B"	1x2	1.50 mm ² , stranded	4.3 x 6.5 mm

Example of order: K1001JX

• ... Ex stock version

Extension and Compensating Cables Fibreglass/Galvanized Steel Wire Braid



Cores twisted

1. Core insulation - Fibreglass wrap
2. Outer insulation - Fibreglass braid
3. Sheath - Galvanized steel wire braid

Version of isolation for temperatures up to +350 °C ("J"), up to +200 °C ("K")
Use for dry environment and high mechanical load

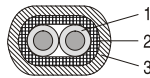
Type	Description For thermocouple	Number of wires	Core	Outer Diameter
• K1075JX ¹⁾	"J"	1x2	0.22 mm ² , stranded	4.2 mm
• K1076JX ¹⁾	"J"	2x2	0.22 mm ² , stranded	4.2 mm
• K1077KC	"K"	1x2	0.22 mm ² , stranded	4.2 mm
• K1078KC	"K"	2x2	0.22 mm ² , stranded	4.2 mm

Example of order: K1075JX

• ... Ex stock version

¹⁾ ... Accuracy class 1 according to IEC 584-3.

Extension and Compensating Cables Fibreglass/Galvanized Steel Wire Braid



1. Core insulation - Fibreglass wrap
2. Outer insulation - Fibreglass braid
3. Sheath - Galvanized steel wire braid

Cores laid parallel

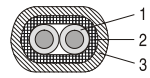
Version of isolation for temperatures up to 400 °C, oval cross-section
Use for dry environment and high mechanical load, unsuitable for wet environment

Type	Description For thermocouple	Number of wires	Core
• K1002JX	"J"	1x2	0.75 mm ² , stranded
K1043JX	"J"	1x2	1.00 mm ² , stranded
• K1008KC	"K"	1x2	0.75 mm ² , stranded
K1042KC	"K"	1x2	1.00 mm ² , stranded
• K1014SC	"R/S"	1x2	0.75 mm ² , stranded
• K1039SC	"R/S"	1x2	1.00 mm ² , stranded
• K1086BC	"B"	1x2	1.00 mm ² , stranded

Example of order: K1002JX

- ... Ex stock version

Thermocouple Cables Fibreglass/Tinned Cooper Wire Braid



1. Core insulation - Fibreglass wrap
2. Outer insulation - Fibreglass braid
3. Sheath - Tinned cooper wire braid

Cores twisted

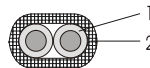
Version of isolation for temperatures up to +350 °C

Type	Description For thermocouple	Number of wires	Core
• K1087KD	"K"	1x2	0.25 mm ² , stranded

Example of order: K1087KD

- ... Ex stock version

Thermocouple Cables High Temperature Fibreglass-insulated



1. Core insulation - Fibreglass wrap
2. Outer insulation - Fibreglass braid

Cores twisted

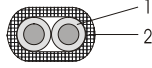
Version of isolation for temperatures -40 to +600 (short time up to +800) °C, oval cross-section

Type	Description For thermocouple	Number of wires	Core	Approx. Outer Diameter
• K1017KD	"K"	1x2	d. 1.0 mm, solid	1.8 x 3.1 mm
• K1090KD	"K"	1x2	d. 0.5 mm, solid	1.4 x 2.3 mm

Example of order: K1017KD

- ... Ex stock version

Thermocouple Cables Fibreglass-insulated



1. Core insulation - Fibreglass wrap
2. Outer insulation - Fibreglass braid

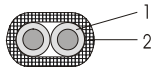
Cores laid parallel

Version of isolation for temperatures -25 to +400 °C, oval cross-section

Type	Description For thermocouple	Number of wires	Core
K1018JD	"J"	1x2	0.5 mm, solid

Example of order: K1018JD

Thermocouple Cables Fibreglass-insulated



1. Core insulation - Fibreglass wrap
2. Outer insulation - Fibreglass braid impregnated

Cores laid parallel

Version of isolation for temperatures -25 to +400 °C, oval cross-section

Type	Description For thermocouple	Number of wires	Core
K1048JD	"J"	1x2	0.5 mm, solid
K1047KD	"K"	1x2	0.5 mm, solid
K1052KD	"K"	1x2	0.5 mm, solid

Example of order: K1048JD

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