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# Ausgleichsleitungen / cable de compensation

| Artikelnummer<br>*numéro d'article* | Norm<br>*Norm* | Datenblatt<br>*fiche technique* | Beschreibung / description | | |
|---|---|---|---|---|---|

Detailliertes Datenblatt durch anklicken auf der jeweiligen Position
*pour le fiche technique détaillé cliquer sur position*

**L= ab Lager / stock**
**B= auf Bestellung / commander**
**M**inimum: 500 Meter

| | | | | | | |
|---|---|---|---|---|---|---|
| **Typ E** | | | | | | |
| 9.101T.610.02X020 | EN 60584-3, EX1 | Datenblatt | Thermoleitung 1xE, Kl.1, D=0,20 mm, -60°C...350°C | D= 0,9x1,4 mm, Glasseide/Glasseide | NiCr-CuNi | L |
| 9.101T.610.02X050 | EN 60584-3, EX1 | Datenblatt | Thermoleitung 1xE, Kl.1, D=0,50 mm, -73 °C...480°C | D= 1,2x2,0 mm, Glasseide/Glasseide | NiCr-CuNi, 5,840 Ohm/m | B |
| **Typ J** | | | | | | |
| 9.102T.503.02X050 | EN 60584-3, JX1 | Datenblatt | Thermoleitung 1xJ, Kl.1, D=0,50 mm, -60°C...260°C | D= 1,0 mm, PFA, verdrillt | Fe-CuNi, 3,107 Ohm/m | L |
| 9.102T.510.02X022 | EN 60584-3, JX1 | Datenblatt | Thermoleitung 1xJ, Kl.1, D=0,22 mm², -60°C...260°C | D= 1,6x2,6 mm, PFA/PFA | Fe-CuNi, 2,774 Ohm/m | L |
| 9.102T.540.02X022 | EN 60584-3, JX1 | Datenblatt | Thermoleitung 1xJ, Kl.1, D=0,22 mm², -40°C...260°C | D= 3,1 mm, PFA/Folie/Geflecht/PFA | Fe-CuNi, 2,774 Ohm/m | L |
| 9.102T.610.02X020 | EN 60584-3, JX1 | Datenblatt | Thermoleitung 1xJ, Kl.1, D=0,20 mm, -50°C...350°C | D= 0,9x1,3 mm, Glasseide/Glasseide | Fe-CuNi, 19,42 Ohm/m | L |
| 9.102T.610.02X032 | EN 60584-3, JX1 | Datenblatt | Thermoleitung 1xJ, Kl.1, D=0,32 mm, -50°C...350°C | D= 1,0x1,6 mm, Glasseide/Glasseide | Fe-CuNi, 7,585 Ohm/m | L |
| 9.102T.610.02X050 | EN 60584-3, JX1 | Datenblatt | Thermoleitung 1xJ, Kl.1, D=0,50 mm, -50°C...350°C | D= 1,4x2,6 mm, Glasseide/Glasseide | Fe-CuNi, 2,496 Ohm/m | L |
| 9.102T.610.02X100 | EN 60584-3, JX1 | Datenblatt | Thermoleitung 1xJ, Kl.1, D=1,00 mm, -50°C...350°C | D= 2,0x3,0 mm, Glasseide/Glasseide | | B |
| 9.102T.623.02X025 | EN 60584-3, JX1 | Datenblatt | Thermoleitung 1xJ, Kl.1, D=0,25 mm², -50°C...350°C | D= 3,2 mm, Glasseide/Geflecht/Geflecht V2A | Fe-CuNi, 2,420 Ohm/m | L |
| 9.102T.623.02X050 | EN 60584-3, JX1 | Datenblatt | Thermoleitung 1xJ, Kl.1, D=0,50 mm², -20°C...350°C | D= 4,5 mm, Glasseide/Geflecht/Geflecht V2A | Fe-CuNi, 1,214 Ohm/m | L |
| 9.102T.623.04X022 | EN 60584-3, JX1 | Datenblatt | Thermoleitung 2xJ, Kl.1, D=0,22 mm², -50°C...350°C | D= 3,5 mm, Glasseide/Geflecht/Geflecht V2A | Fe-CuNi, 2,774 Ohm/m | L |
| **Typ K** | | | | | | |
| 9.103T.502.02X008 | EN 60584-3, KX1 | Datenblatt | Thermoleitung 1xK, Kl.1, D=0,08 mm, -267°C...260°C | D= 0,23 mm, PFA, Einzelleiter | NiCr-Ni, 199,738 Ohm/m | B |
| 9.103T.503.02X020 | EN 60584-3, KX1 | Datenblatt | Thermoleitung 1xK, Kl.1, D=0,20 mm, -40°C...260°C | D= 0,6 mm, PFA, verdrillt | Nicr-Ni, 31,513 Ohm/m | L |
| 9.103T.503.02X050 | EN 60584-3, KX1 | Datenblatt | Thermoleitung 1xK, Kl.1, D=0,50 mm, -100°C...260°C | D= 1,0 mm, PFA, verdrillt | NiCr-Ni, 5,042 Ohm/m, ±10% | L |
| 9.103T.510.02X013 | EN 60584-3, KX1 | Datenblatt | Thermoleitung 1xK, Kl.1, D=0,13 mm, -267°C...260°C | D= 0,5x0,75 mm, PFA/PFA | NiCr-Ni, 79,003 Ohm/m | L |
| 9.103T.510.02X022 | EN 60584-3, KX1 | Datenblatt | Thermoleitung 1xK, Kl.1, D=0,22 mm², -60°C...260°C | D= 1,6x2,6 mm, PFA/PFA | NiCr-Ni, 4,502 Ohm/m | L |
| 9.103T.510.02X050 | EN 60584-3, KX1 | Datenblatt | Thermoleitung 1xK, Kl.1, D=0,50 mm, -100°C...260°C | D= 1,4x2,3 mm, PFA/PFA | NiCr-Ni, 5,042 Ohm/m | L |
| 9.103T.540.02X022 | EN 60584-3, KX1 | Datenblatt | Thermoleitung 1xK, Kl.1, D=0,22 mm², -40°C...260°C | D= 3,3 mm, PFA/Folie/Cu-Geflecht/PFA | NiCr-Ni, 4,502 Ohm/m | L |
| 9.103T.603.02X100 | EN 60584-3, KX1 | Datenblatt | Thermoleitung 1xK, Kl.1, D=1,00 mm, -60°C..600°C | D= 2,3 mm, Glasseide, Einzelleiter verdrillt | NiCr-Ni, 0,990 Ohm/m | L |
| 9.103T.610.02X020 | EN 60584-3, KX1 | Datenblatt | Thermoleitung 1xK, Kl.1, D=0,20 mm, -60°C...350°C | D= 0,9x1,3 mm, Glasseide/Glasseide | NiCr-Ni, 31,513 Ohm/m | L |
| 9.103T.610.02X050 | EN 60584-3, KX1 | Datenblatt | Thermoleitung 1xK, Kl.1, D=0,50 mm, -60°C...350°C | D= 1,8x2,7 mm, Glasseide/Glasseide | NiCr-Ni, 5,040 Ohm/m | L |
| 9.103T.610.02X080 | EN 60584-3, KX1 | Datenblatt | Thermoleitung 1xK, Kl.1, D=0,80 mm, -60°C...350°C | D= 1,8x3,1 mm, Glasseide/Glasseide | NiCr-Ni, 1,970 Ohm/m | L |
| 9.103T.620.02X050 | EN 60584-3, KX1 | Datenblatt | Thermoleitung 1xK, Kl.1, D=0,50 mm, -60°C...350°C | D= 1,9x2,9 mm, Glasseide/Glasseide/Geflecht V2A | NiCr-Ni, 5,040 Ohm/m | L |
| 9.103T.623.02X025 | EN 60584-3, KX1 | Datenblatt | Thermoleitung 1xK, Kl.1, D=0,25 mm², -60°C...350°C | D= 3,2 mm, Glasseide/Geflecht/Geflecht V2A | NiCr-Ni, 3,934 Ohm/m | L |
| 9.103T.623.02X050 | EN 60584-3, KX1 | Datenblatt | Thermoleitung 1xK, Kl.1, D=0,50 mm², -20°C...350°C | D= 4,5 mm, Glasseide/Geflecht/Geflecht V2A | NiCr-Ni, 1,970 Ohm/m | L |
| 9.103T.623.04X022 | EN 60584-3, KX1 | Datenblatt | Thermoleitung 2xK, Kl.1, D=0,22 mm², -60°C...350°C | D= 3,4 mm, Glasseide/Geflecht/Geflecht V2A | NiCr-Ni, 4,502 Ohm/m | L |
| 9.103T.810.02X022 | EN 60584-3, KX1 | Datenblatt | Thermoleitung 1xK, Kl.1, D=0,22 mm², -60...1200°C | D= 2,0x3,3 mm, Keramikgarn/Keramikgarn | NiCr-Ni, 4,502 Ohm/m | L |
| 9.103T.810.02X080 | EN 60584-3, KX1 | Datenblatt | Thermoleitung 1xK, Kl.1, D=0,80 mm, +1200°C | D= 2,2x3,2 mm, Keramikgarn/Keramikgarn | NiCr-Ni, 1,970 Ohm/m, ohne Farbkennzeichnung | L |

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# Ausgleichsleitungen / cable de compensation

Detailliertes Datenblatt durch anklicken auf der jeweiligen Position
*pour le fiche technique détaillé cliquer sur position*

**L= ab Lager / stock**
**B= auf Bestellung / commander**
**M**inimum: 500 Meter

| Artikelnummer<br>*numéro d'article* | Norm<br>*Norm* | Datenblatt<br>*fiche technique* | Beschreibung / description | | | |
|---|---|---|---|---|---|---|
| **Typ N** | | | | | | |
| 9.104T.610.02X081 | EN 60584-3, NX1 | Datenblatt | Thermoleitung 1xN, Kl.1, D=0,81 mm², -267°C...260°C | D= 1,8x3,2 mm, PFA/PFA | Nicrosil-Nisil | B |
| 9.104T.623.02X022 | EN 60584-3, NX1 | Datenblatt | Thermoleitung 1xN, Kl.1, D=0,22 mm², 400°C | D= 3,0 mm, Glasseide/Geflecht/Geflecht V2A | Nicrosil-Nisil | B |
| **Typ T** | | | | | | |
| 9.105T.503.02X020.B | BS 1843 | Datenblatt | Thermoleitung 1xT, Kl.1, D=0,20 mm², -60°C...260°C | D= 0,6 mm, PTFE, verdrillt | Cu-CuNi, blau-weiss | B |
| 9.105T.503.02X032 | EN 60584-3, TX1 | Datenblatt | Thermoleitung 1xT, Kl.1, D=0,32 mm, -100°C...260°C | D= 0,7 mm, PFA, verdrillt | Cu-CuNi, 2,585 Ohm/m | B |
| 9.105T.503.02X050 | EN 60584-3, TX1 | Datenblatt | Thermoleitung 1xT, Kl.1, D=0,50 mm, -60°C...260°C | D= 1,0 mm, PFA, verdrillt | Cu-CuNi, 2,500 Ohm/m | L |
| 9.105T.510.02X013 | EN 60584-3, TX1 | Datenblatt | Thermoleitung 1xT, Kl.1, D=0,13 mm, -267°C...260°C | D= 0,4x0,8 mm, PFA/PFA | Cu-CuNi, 39,928 Ohm/m | B |
| 9.105T.510.02X022 | EN 60584-3, TX1 | Datenblatt | Thermoleitung 1xT, Kl.1, D=0,22 mm², -100°C...260°C | D= 1,6x2,6 mm, PFA/PFA | Cu-CuNi, 2,308 Ohm/m | L |
| 9.105T.510.02X025 | EN 60584-3, TX1 | Datenblatt | Thermoleitung 1xT, Kl.1, D=0,25 mm, -267°C...260°C | D= 0,5x1,0 mm, PFA/PFA | Cu-CuNi, 9,984 Ohm/m | L |
| 9.105T.610.02X050 | EN 60584-3, TX1 | Datenblatt | Thermoleitung 1xT, Kl.1, D=0,50 mm, -60°C...400°C | D= 1,5x2,5 mm, Glasseide/Glasseide | Cu-CuNi, 2,500 Ohm/m | L |
| 9.105T.623.02X025 | EN 60584-3, TX1 | Datenblatt | Thermoleitung 1xT, Kl.1, D=0,25 mm², -267...400°C | D= 3,4 mm, Glasseide/Geflecht/Geflecht V2A | Cu-CuNi, 2,308 Ohm/m | L |
| 9.105T.646.02X129 | EN 60584-3, TX2 | Datenblatt | Thermoleitung 1xT, Kl.2, D=1,29 mm, -40°C...400°C | D= 4,5 mm, Glass/Glass/Beilauflitze/Geflecht V2A | Cu-CuNi, 0,388 Ohm/m | L |

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# Datenblatt — Fiche technique — Data Sheet

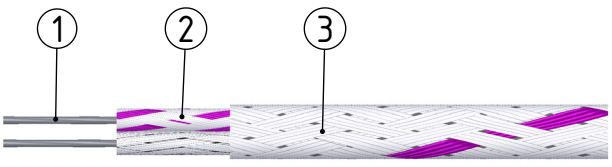
## Thermoleitung E — Câble de thermocouple E — Thermocouple cable E

| | | | | | |
|---|---|---|---|---|---|
| Artikelnummer<br>Numéro d'article<br>Item number | **9.101T.610.02X020** | | | Anzahl Paare<br>Nombre de pair<br>Number of pairs | 1 |
| Norm<br>Norme<br>Standard | **DIN EN 60584** | | | Typ / Klasse<br>Type / classe<br>Type / class | **EX 1** |
| Farbcode<br>Code de couleur<br>Color code | violett<br>violet<br>purple | **+** | weiss<br>blanc<br>white | **–** | Leitungswiderstand<br>Résistance de conducteur<br>Resistance of the conductor | ??? Ω / m (20 °C) |
| Temperaturbereich<br>Gamme de température<br>Temperature range | -60 °C...+350 °C | | | | Gewicht<br>Poids<br>Weight | 2,2 g / m |

✓ **RoHS**
**Compliant**

✓ **halogenfrei**
**sans halogène**
**halogen-free**

| Pos. | Umschreibung | Description | Description | Querschnitt<br>Section<br>Cross-Section | Konstruktion<br>Construction<br>Construction | Abmessung<br>Dimension<br>Dimension | Material<br>Matériel<br>Material | Bemerkungen<br>Remarques<br>Remarks |
|---|---|---|---|---|---|---|---|---|
| 1 | Thermo - Leiter | Cordon de thermocouple | Thermocouple conductor | 0,03 mm² | 1 x | Ø 0,20 mm | NiCr-CuNi | |
| 2 | Ader - Isolation | Isolation | Insulation | | | Ø 0,60 mm | Glasseide<br>Soie de verre<br>Glass fibre | |
| 3 | Aussenmantel | Gaine extérieur | Outer sheath | | | 0,9 x 1,4 mm | Glasseide<br>Soie de verre<br>Glass fibre | violetter Kennfaden<br>identifier fil violet<br>purple identity thread |
| 4 | | | | | | | | |
| 5 | | | | | | | | |
| 6 | | | | | | | | |

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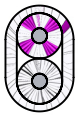

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zurück

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# Datenblatt | Fiche technique | Data Sheet

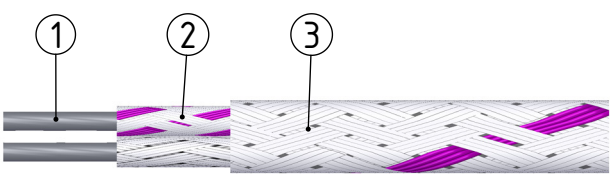
## Thermoleitung E | Câble de thermocouple E | Thermocouple cable E

| | | | | | |
|---|---|---|---|---|---|
| Artikelnummer<br>Numéro d'article<br>Item number | **9.101T.610.02X050** | | | Anzahl Paare<br>Nombre de pair<br>Number of pairs | 1 |
| Norm<br>Norme<br>Standard | **DIN EN 60584** | | | Typ / Klasse<br>Type / classe<br>Type / class | **EX 1** |
| Farbcode<br>Code de couleur<br>Color code | violett<br>violet<br>purple | **+** | weiss<br>blanc<br>white | **–** | Leitungswiderstand<br>Résistance de conducteur<br>Resistance of the conductor | 5,840 Ω / m (20 °C) |
| Temperaturbereich<br>Gamme de température<br>Temperature range | -73 °C...+480 °C | | | | Gewicht<br>Poids<br>Weight | 7,0 g / m |

✓ **RoHS**
**Compliant**

✓ **halogenfrei**
**sans halogène**
**halogen-free**

| Pos. | Umschreibung | Description | Description | Querschnitt<br>Section<br>Cross-Section | Konstruktion<br>Construction<br>Construction | Abmessung<br>Dimension<br>Dimension | Material<br>Matériel<br>Material | Bemerkungen<br>Remarques<br>Remarks |
|---|---|---|---|---|---|---|---|---|
| 1 | Thermo - Leiter | Cordon de thermocouple | Thermocouple conductor | 0,20 mm² | 1 x | Ø 0,50 mm | NiCr-CuNi | |
| 2 | Ader - Isolation | Isolation | Insulation | | | Ø 0,80 mm | Glasseide<br>Soie de verre<br>Glass fibre | |
| 3 | Aussenmantel | Gaine extérieur | Outer sheath | | | 1,1 x 1,9 mm | Glasseide<br>Soie de verre<br>Glass fibre | violetter Kennfaden<br>identifier fil violet<br>purple identity thread |
| 4 | | | | | | | | |
| 5 | | | | | | | | |
| 6 | | | | | | | | |

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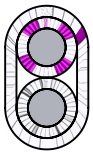

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# Datenblatt | Fiche technique | Data Sheet

## Thermoleitung J | Câble de thermocouple J | Thermocouple cable J

| | | | | | |
|---|---|---|---|---|---|
| Artikelnummer<br>Numéro d'article<br>Item number | **9.102T.503.02X050** | | | Anzahl Paare<br>Nombre de pair<br>Number of pairs | 1 |
| Norm<br>Norme<br>Standard | **DIN EN 60584** | | | Typ / Klasse<br>Type / classe<br>Type / class | **JX 1** |
| Farbcode<br>Code de couleur<br>Color code | schwarz<br>noir<br>black | **+** | weiss<br>blanc<br>white | **–** | Leitungswiderstand<br>Résistance de conducteur<br>Resistance of the conductor | 3,107 Ω / m (20 °C) |
| Temperaturbereich<br>Gamme de température<br>Temperature range | -100 °C...+260 °C | | | | Gewicht<br>Poids<br>Weight | 5,9 g / m |

✓ **RoHS**
**Compliant**

| Pos. | Umschreibung | Description | Description | Querschnitt<br>Section<br>Cross-Section | Konstruktion<br>Construction<br>Construction | Abmessung<br>Dimension<br>Dimension | Material<br>Matériel<br>Material | Bemerkungen<br>Remarques<br>Remarks |
|---|---|---|---|---|---|---|---|---|
| 1 | Thermodraht | Fil de thermocouple | Thermocouple conductor | 0,196 mm² | 1 x | Ø 0,50 mm | Fe-CuNi | |
| 2 | Ader - Isolation | Isolation | Insulation | | | Ø 1,00 mm | PFA | verdrillt<br>torsadé<br>twisted |
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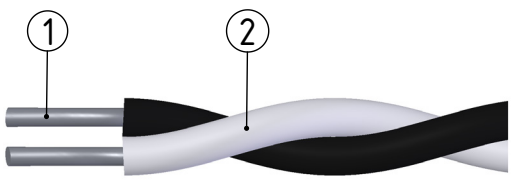
| 6 | | | | | | | | |



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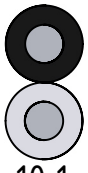
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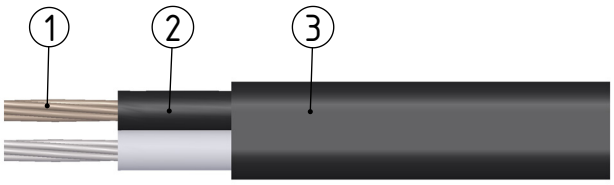
# Datenblatt | Fiche technique | Data Sheet

## Thermoleitung J | Câble de thermocouple J | Thermocouple cable J

| | | | | | |
|---|---|---|---|---|---|
| Artikelnummer<br>Numéro d'article<br>Item number | **9.102T.510.02X022** | | | Anzahl Paare<br>Nombre de pair<br>Number of pairs | 1 |
| Norm<br>Norme<br>Standard | **DIN EN 60584** | | | Typ / Klasse<br>Type / classe<br>Type / class | **JX 1** |
| Farbcode<br>Code de couleur<br>Color code | schwarz<br>noir<br>black | **+** | weiss<br>blanc<br>white | **–** | Leitungswiderstand<br>Résistance de conducteur<br>Resistance of the conductor | 2,774 Ω / m (20 °C) |
| Temperaturbereich<br>Gamme de température<br>Temperature range | -60 °C...+260 °C | | | | Gewicht<br>Poids<br>Weight | 10,6 g / m |

✓ **RoHS**
**Compliant**

| Pos. | Umschreibung | Description | Description | Querschnitt<br>Section<br>Cross-Section | Konstruktion<br>Construction<br>Construction | Abmessung<br>Dimension<br>Dimension | Material<br>Matériel<br>Material | Bemerkungen<br>Remarques<br>Remarks |
|---|---|---|---|---|---|---|---|---|
| 1 | Thermodraht | Fil de thermocouple | Thermocouple conductor | 0,22 mm² | 7 x 0,20 mm | Ø 0,53 mm | Fe-CuNi | |
| 2 | Ader - Isolation | Isolation | Insulation | | | Ø 1,05 mm | PFA | |
| 3 | Aussenmantel | Gaine extérieur | Outer sheath | | | 1,60 x 2,60 mm | PFA | schwarz<br>noir<br>black |
| 4 | | | | | | | | |
| 5 | | | | | | | | |
| 6 | | | | | | | | |

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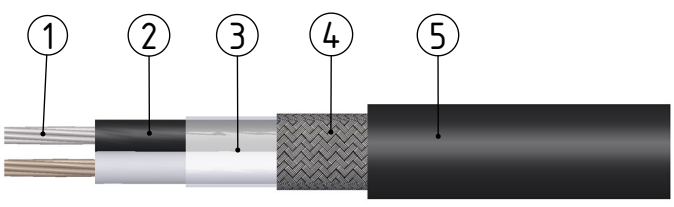
# Datenblatt — Fiche technique — Data Sheet

## Thermoleitung J — Câble de thermocouple J — Thermocouple cable J

| | | | | | |
|---|---|---|---|---|---|
| Artikelnummer<br>Numéro d'article<br>Item number | **9.102T.540.02X022** | | | Anzahl Paare<br>Nombre de pair<br>Number of pairs | 1 |
| Norm<br>Norme<br>Standard | **DIN EN 60584** | | | Typ / Klasse<br>Type / classe<br>Type / class | **JX 1** |
| Farbcode<br>Code de couleur<br>Color code | schwarz<br>noir<br>black | **+** | weiss<br>blanc<br>white | Leitungswiderstand<br>Résistance de conducteur<br>Resistance of the conductor | 2,774 Ω / m (20 °C) |
| Temperaturbereich<br>Gamme de température<br>Temperature range | -40 °C...+260 °C | | | Gewicht<br>Poids<br>Weight | 20,0 g / m |

✓ **RoHS**
**Compliant**

| Pos. | Umschreibung | Description | Description | Querschnitt<br>Section<br>Cross-Section | Konstruktion<br>Construction<br>Construction | Abmessung<br>Dimension<br>Dimension | Material<br>Matériel<br>Material | Bemerkungen<br>Remarques<br>Remarks |
|---|---|---|---|---|---|---|---|---|
| 1 | Thermo - Leiter | Cordon de thermocouple | Thermocouple conductor | 0, 22 mm² | 7 x 0,20 mm | Ø 0,53 mm | Fe-CuNi | |
| 2 | Ader - Isolation | Isolation | Insulation | | | Ø 1,05 mm | PFA | |
| 3 | Folie | Bande | Tape | | | | Polyester<br>Polyester<br>Polyester | Bedeckung 25 %<br>Occultation 25 %<br>Coverage 25 % |
| 4 | Geflecht | Blindage | Braid | | | Ø 0,10 mm | Verzinnter Kupferdraht<br>Fil de cuivre, étamé<br>Tinned Copper wire | Bedeckung 75 %<br>Occultation 75 %<br>Coverage 75 % |
| 5 | Aussenmantel | Gaine extérieur | Outer sheath | | | Ø 3,1 mm | PFA | schwarz<br>noir<br>black |
| 6 | | | | | | | | |

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# Datenblatt — Fiche technique — Data Sheet

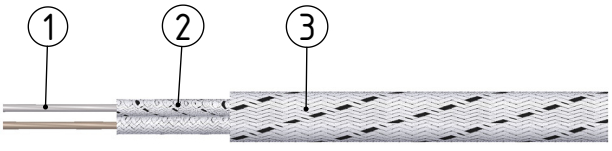
## Thermoleitung J — Câble de thermocouple J — Thermocouple cable J

| | | | | | |
|---|---|---|---|---|---|
| Artikelnummer<br>Numéro d'article<br>Item number | **9.102T.610.02X020** | | | Anzahl Paare<br>Nombre de pair<br>Number of pairs | 1 |
| Norm<br>Norme<br>Standard | **DIN EN 60584** | | | Typ / Klasse<br>Type / classe<br>Type / class | **JX 1** |
| Farbcode<br>Code de couleur<br>Color code | schwarz<br>noir<br>black | **+** | weiss<br>blanc<br>white | **–** | Leitungswiderstand<br>Résistance de conducteur<br>Resistance of the conductor | 19,42 Ω / m (20 °C) |
| Temperaturbereich<br>Gamme de température<br>Temperature range | -60 °C...+350 °C | | | | Gewicht<br>Poids<br>Weight | 3,2 g / m |

✓ **RoHS**
**Compliant**

✓ **halogenfrei**
**sans halogène**
**halogen-free**

| Pos. | Umschreibung | Description | Description | Querschnitt<br>Section<br>Cross-Section | Konstruktion<br>Construction<br>Construction | Abmessung<br>Dimension<br>Dimension | Material<br>Matériel<br>Material | Bemerkungen<br>Remarques<br>Remarks |
|---|---|---|---|---|---|---|---|---|
| 1 | Thermodraht | Fil de thermocouple | Thermocouple conductor | 0,0314 mm² | 1 x | Ø 0,20 mm | Fe-CuNi | |
| 2 | Ader - Isolation | Isolation | Insulation | | | Ø 0,45 mm | Glasseide<br>Soie de verre<br>Glass fibre | |
| 3 | Aussenmantel | Gaine extérieur | Outer sheath | | | 0,90 x 1,30 mm | Glasseide<br>Soie de verre<br>Glass fibre | schwarzer Kennfaden<br>Identifier fil noir<br>black identify thread |
| 4 | | | | | | | | |
| 5 | | | | | | | | |
| 6 | | | | | | | | |

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zurück

# Datenblatt | Fiche technique | Data Sheet

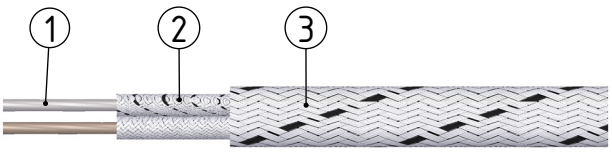
## Thermoleitung J | Câble de thermocouple J | Thermocouple cable J

| | | | | | |
|---|---|---|---|---|---|
| Artikelnummer<br>Numéro d'article<br>Item number | **9.102T.610.02X032** | | | Anzahl Paare<br>Nombre de pair<br>Number of pairs | 1 |
| Norm<br>Norme<br>Standard | **DIN EN 60584** | | | Typ / Klasse<br>Type / classe<br>Type / class | **JX 1** |
| Farbcode<br>Code de couleur<br>Color code | schwarz<br>noir<br>black | **+** | weiss<br>blanc<br>white | **–** | Leitungswiderstand<br>Résistance de conducteur<br>Resistance of the conductor | 7,585 Ω / m (20 °C) |
| Temperaturbereich<br>Gamme de température<br>Temperature range | -60 °C...+350 °C | | | | Gewicht<br>Poids<br>Weight | 5,2 g / m |

✓ **RoHS**
**Compliant**

✓ **halogenfrei**
**sans halogène**
**halogen-free**

| Pos. | Umschreibung | Description | Description | Querschnitt<br>Section<br>Cross-Section | Konstruktion<br>Construction<br>Construction | Abmessung<br>Dimension<br>Dimension | Material<br>Matériel<br>Material | Bemerkungen<br>Remarques<br>Remarks |
|---|---|---|---|---|---|---|---|---|
| 1 | Thermodraht | Fil de thermocouple | Thermocouple conductor | 0,080 mm² | 1 x | Ø 0,32 mm | Fe-CuNi | |
| 2 | Ader - Isolation | Isolation | Insulation | | | Ø 0,60 mm | Glasseide<br>Soie de verre<br>Glass fibre | |
| 3 | Aussenmantel | Gaine extérieur | Outer sheath | | | 1,0 x 1,6 mm | Glasseide<br>Soie de verre<br>Glass fibre | schwarzer Kennfaden<br>Identifier fil noir<br>black identify thread |
| 4 | | | | | | | | |
| 5 | | | | | | | | |
| 6 | | | | | | | | |

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# Datenblatt — Fiche technique — Data Sheet

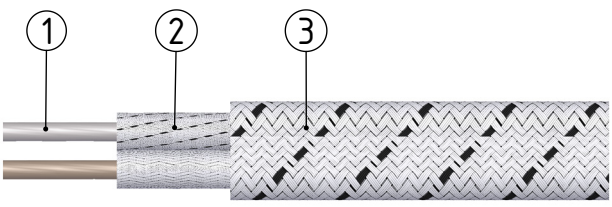
## Thermoleitung J — Câble de thermocouple J — Thermocouple cable J

| | | | | | |
|---|---|---|---|---|---|
| Artikelnummer<br>Numéro d'article<br>Item number | **9.102T.610.02X050** | | | Anzahl Paare<br>Nombre de pair<br>Number of pairs | 1 |
| Norm<br>Norme<br>Standard | **DIN EN 60584** | | | Typ / Klasse<br>Type / classe<br>Type / class | **JX 1** |
| Farbcode<br>Code de couleur<br>Color code | schwarz<br>noir<br>black | **+** | weiss<br>blanc<br>white | **–** | Leitungswiderstand<br>Résistance de conducteur<br>Resistance of the conductor | 2,496 Ω / m (20 °C) |
| Temperaturbereich<br>Gamme de température<br>Temperature range | -60 °C...+350 °C | | | | Gewicht<br>Poids<br>Weight | 8,3 g / m |

✓ **RoHS**
**Compliant**

✓ **halogenfrei**
**sans halogène**
**halogen-free**

| Pos. | Umschreibung | Description | Description | Querschnitt<br>Section<br>Cross-Section | Konstruktion<br>Construction<br>Construction | Abmessung<br>Dimension<br>Dimension | Material<br>Matériel<br>Material | Bemerkungen<br>Remarques<br>Remarks |
|---|---|---|---|---|---|---|---|---|
| 1 | Thermodraht | Fil de thermocouple | Thermocouple conductor | 0,196 mm² | 1 x | Ø 0,50 mm | Fe-CuNi | |
| 2 | Ader - Isolation | Isolation | Insulation | | | Ø 1,00 mm | Glasseide<br>Soie de verre<br>Glass fibre | |
| 3 | Aussenmantel | Gaine extérieur | Outer sheath | | | 1,4 x 2,6 mm | Glasseide<br>Soie de verre<br>Glass fibre | schwarzer Kennfaden<br>Identifier fil noir<br>black identify thread |
| 4 | | | | | | | | |
| 5 | | | | | | | | |
| 6 | | | | | | | | |

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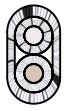

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# Datenblatt — Fiche technique — Data Sheet

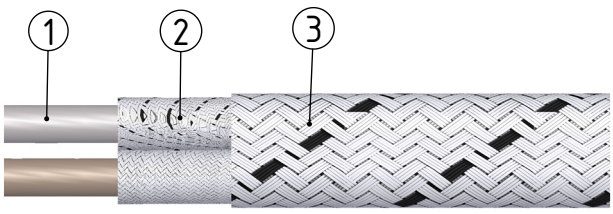
## Thermoleitung J — Câble de thermocouple J — Thermocouple cable J

| | | | | | |
|---|---|---|---|---|---|
| Artikelnummer<br>Numéro d'article<br>Item number | **9.102T.610.02X100** | | | Anzahl Paare<br>Nombre de pair<br>Number of pairs | 1 |
| Norm<br>Norme<br>Standard | **DIN EN 60584** | | | Typ / Klasse<br>Type / classe<br>Type / class | **JX 1** |
| Farbcode<br>Code de couleur<br>Color code | schwarz<br>noir<br>black | **+** | weiss<br>blanc<br>white | **–** | Leitungswiderstand<br>Résistance de conducteur<br>Resistance of the conductor | 0,80 Ω / m (20 °C) |
| Temperaturbereich<br>Gamme de température<br>Temperature range | -60 °C...+350 °C | | | | Gewicht<br>Poids<br>Weight | 17,5 g / m |

✓ **RoHS**
**Compliant**

✓ **halogenfrei**
**sans halogène**
**halogen-free**

| Pos. | Umschreibung | Description | Description | Querschnitt<br>Section<br>Cross-Section | Konstruktion<br>Construction<br>Construction | Abmessung<br>Dimension<br>Dimension | Material<br>Matériel<br>Material | Bemerkungen<br>Remarques<br>Remarks |
|---|---|---|---|---|---|---|---|---|
| 1 | Thermodraht | Fil de thermocouple | Thermocouple conductor | 0,79 mm² | 1 x | Ø 1,00 mm | Fe-CuNi | |
| 2 | Ader - Isolation | Isolation | Insulation | | | Ø 1,40 mm | Glasseide<br>Soie de verre<br>Glass fibre | |
| 3 | Aussenmantel | Gaine extérieur | Outer sheath | | | 2,0 x 3,0 mm | Glasseide<br>Soie de verre<br>Glass fibre | schwarzer Kennfaden<br>Identifier fil noir<br>black identify thread |
| 4 | | | | | | | | |
| 5 | | | | | | | | |
| 6 | | | | | | | | |

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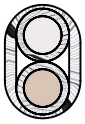

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# Datenblatt | Fiche technique | Data Sheet

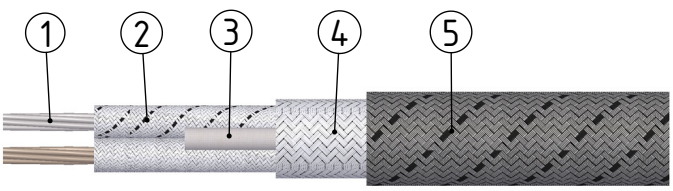
## Thermoleitung J | Câble de thermocouple J | Thermocouple cable J

| | | | | | |
|---|---|---|---|---|---|
| Artikelnummer<br>Numéro d'article<br>Item number | **9.102T.623.02X025** | | | Anzahl Paare<br>Nombre de pair<br>Number of pairs | 1 |
| Norm<br>Norme<br>Standard | **DIN EN 60584** | | | Typ / Klasse<br>Type / classe<br>Type / class | **JX 1** |
| Farbcode<br>Code de couleur<br>Color code | schwarz<br>noir<br>black | **+** | weiss<br>blanc<br>white | Leitungswiderstand<br>Résistance de conducteur<br>Resistance of the conductor | 2,420 Ω / m (20 °C) |
| Temperaturbereich<br>Gamme de température<br>Temperature range | -60 °C...+350 °C | | | Gewicht<br>Poids<br>Weight | 20,0 g / m |

✓ **RoHS**
**Compliant**

✓ **halogenfrei**
**sans halogène**
**halogen-free**

| Pos. | Umschreibung | Description | Description | Querschnitt<br>Section<br>Cross-Section | Konstruktion<br>Construction<br>Construction | Abmessung<br>Dimension<br>Dimension | Material<br>Matériel<br>Material | Bemerkungen<br>Remarques<br>Remarks |
|---|---|---|---|---|---|---|---|---|
| 1 | Thermo - Leiter | Cordon de thermocouple | Thermocouple conductor | 0, 25 mm² | 8 x 0,20 mm | Ø 0,56 mm | Fe-CuNi | |
| 2 | Ader - Isolation | Isolation | Insulation | | | Ø 1,1 mm | Glasseide<br>Soie de verre<br>Glass fibre | Typ E<br>type E<br>type E |
| 3 | Füllmaterial | Remplissage | Filler | | | | Glasseide<br>Soie de verre<br>Glass fibre | Typ E<br>type E<br>type E |
| 4 | Geflecht | Blindage | Braid | | | | Glasseide<br>Soie de verre<br>Glass fibre | Typ E<br>type E<br>type E |
| 5 | Aussenmantel | Gaine extérieur | Outer sheath | | | Ø 3,1 mm | Rostfreies Stahlgeflecht<br>Tresse en acier inoxydable<br>Stainless steel braid | schwarzer Kennfaden<br>Identifier fil noir<br>black identify thread |
| 6 | | | | | | | | |

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# Datenblatt — Fiche technique — Data Sheet

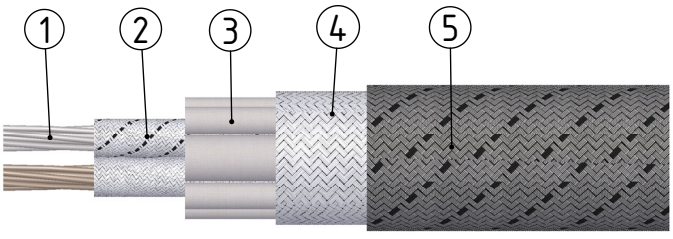
## Thermoleitung J — Câble de thermocouple J — Thermocouple cable J

| | | | | | |
|---|---|---|---|---|---|
| Artikelnummer<br>Numéro d'article<br>Item number | **9.102T.623.02X050** | | | Anzahl Paare<br>Nombre de pair<br>Number of pairs | 1 |
| Norm<br>Norme<br>Standard | **DIN EN 60584** | | | Typ / Klasse<br>Type / classe<br>Type / class | **JX 1** |
| Farbcode<br>Code de couleur<br>Color code | schwarz<br>noir<br>black | **+** | weiss<br>blanc<br>white | Leitungswiderstand<br>Résistance de conducteur<br>Resistance of the conductor | 1,214 Ω / m (20 °C) |
| Temperaturbereich<br>Gamme de température<br>Temperature range | -20 °C...+350 °C | | | Gewicht<br>Poids<br>Weight | 39,2 g / m |

✓ **RoHS**
**Compliant**

✓ **halogenfrei**
**sans halogène**
**halogen-free**

| Pos. | Umschreibung | Description | Description | Querschnitt<br>Section<br>Cross-Section | Konstruktion<br>Construction<br>Construction | Abmessung<br>Dimension<br>Dimension | Material<br>Matériel<br>Material | Bemerkungen<br>Remarques<br>Remarks |
|---|---|---|---|---|---|---|---|---|
| 1 | Thermo - Leiter | Cordon de thermocouple | Thermocouple conductor | 0,50 mm² | 16 x Ø 0,20 mm | Ø 0,80 mm | Fe-CuNi | |
| 2 | Ader - Isolation | Isolation | Insulation | | | Ø 1,3 mm | Glasseide<br>Soie de verre<br>Glass fibre | Typ E<br>type E<br>type E |
| 3 | Füllmaterial | Remplissage | Filler | | | | Glasseide<br>Soie de verre<br>Glass fibre | Typ E<br>type E<br>type E |
| 4 | Geflecht | Blindage | Braid | | | | Glasseide<br>Soie de verre<br>Glass fibre | Typ E<br>type E<br>type E |
| 5 | Aussenmantel | Gaine extérieur | Outer sheath | | | Ø 4,8 mm | Rostfreies Stahlgeflecht<br>Tresse en acier inoxydable<br>Stainless steel braid | schwarzer Kennfaden<br>Identifier fil noir<br>black identify thread |
| 6 | | | | | | | | |

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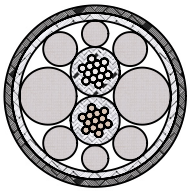

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# Datenblatt — Fiche technique — Data Sheet

## Thermoleitung J — Câble de thermocouple J — Thermocouple cable J

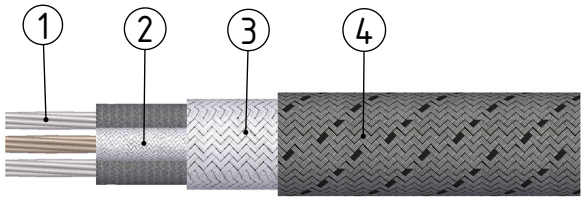
| | | | | | |
|---|---|---|---|---|---|
| Artikelnummer<br>Numéro d'article<br>Item number | **9.102T.623.04X022** | | | Anzahl Paare<br>Nombre de pair<br>Number of pairs | 2 |
| Norm<br>Norme<br>Standard | **DIN EN 60584** | | | Typ / Klasse<br>Type / classe<br>Type / class | **JX 1** |
| Farbcode<br>Code de couleur<br>Color code | schwarz<br>noir<br>black | **+** | weiss<br>blanc<br>white | Leitungswiderstand<br>Résistance de conducteur<br>Resistance of the conductor | 2,420 Ω / m (20 °C) |
| Temperaturbereich<br>Gamme de température<br>Temperature range | -60 °C...+350 °C | | | Gewicht<br>Poids<br>Weight | 28,0 g / m |

✓ **RoHS**
**Compliant**

✓ **halogenfrei**
**sans halogène**
**halogen-free**

| Pos. | Umschreibung | Description | Description | Querschnitt<br>Section<br>Cross-Section | Konstruktion<br>Construction<br>Construction | Abmessung<br>Dimension<br>Dimension | Material<br>Matériel<br>Material | Bemerkungen<br>Remarques<br>Remarks |
|---|---|---|---|---|---|---|---|---|
| 1 | Thermo - Leiter | Cordon de thermocouple | Thermocouple conductor | 0, 22 mm² | 7 x 0,20 mm | Ø 0,53 mm | Fe-CuNi | |
| 2 | Ader - Isolation | Isolation | Insulation | | | Ø 1,1 mm | Glasseide<br>Soie de verre<br>Glass fibre | Typ E<br>type E<br>type E |
| 3 | Geflecht | Blindage | Braid | | | | Glasseide<br>Soie de verre<br>Glass fibre | Typ E<br>type E<br>type E |
| 4 | Aussenmantel | Gaine extérieur | Outer sheath | | | Ø 3,4 mm | Rostfreies Stahlgeflecht<br>Tresse en acier inoxydable<br>Stainless steel braid | schwarzer Kennfaden<br>Identifier fil noir<br>black identify thread |
| 5 | | | | | | | | |
| 6 | | | | | | | | |

Kein Datenblatt vorhanden. Abmessung und Aufbau bei Neueingang kontrollieren.

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# Datenblatt | Fiche technique | Data Sheet

## Thermoleitung K | Câble de thermocouple K | Thermocouple cable K

| | | | | | |
|---|---|---|---|---|---|
| Artikelnummer<br>Numéro d'article<br>Item number | **9.103T.502.02X008** | | | Anzahl Paare<br>Nombre de pair<br>Number of pairs | 1 |
| Norm<br>Norme<br>Standard | **DIN EN 60584** | | | Typ / Klasse<br>Type / classe<br>Type / class | **KX 1** |
| Farbcode<br>Code de couleur<br>Color code | grün<br>vert<br>green | **+** | weiss<br>blanc<br>white | **–** | Leitungswiderstand<br>Résistance de conducteur<br>Resistance of the conductor | 199,738 Ω / m (20 °C) |
| Temperaturbereich<br>Gamme de température<br>Temperature range | -267 °C...+260 °C | | | | Gewicht<br>Poids<br>Weight | 1,0 g / m |

✓ **RoHS**
**Compliant**

| Pos. | Umschreibung | Description | Description | Querschnitt<br>Section<br>Cross-Section | Konstruktion<br>Construction<br>Construction | Abmessung<br>Dimension<br>Dimension | Material<br>Matériel<br>Material | Bemerkungen<br>Remarques<br>Remarks |
|---|---|---|---|---|---|---|---|---|
| 1 | Thermodraht | Fil de thermocouple | Thermocouple conductor | 0,005 mm² | 1 x | Ø 0,08 mm | NiCr-Ni | |
| 2 | Ader - Isolation | Isolation | Insulation | | | Ø 0,2 mm | PFA | Einzelleiter<br>Seul conducteur<br>Single conductor |
| 3 | | | | | | | | |
| 4 | | | | | | | | |
| 5 | | | | | | | | |
| 6 | | | | | | | | |

Sämtliche Angaben müssen noch überprüft werden beim Neueingang.




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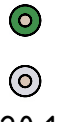

20:1

zurück

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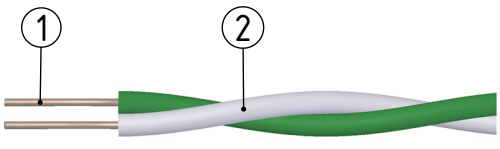
# Datenblatt | Fiche technique | Data Sheet

## Thermoleitung K | Câble de thermocouple K | Thermocouple cable K

| | | | | | |
|---|---|---|---|---|---|
| Artikelnummer<br>Numéro d'article<br>Item number | **9.103T.503.02X020** | | | Anzahl Paare<br>Nombre de pair<br>Number of pairs | 1 |
| Norm<br>Norme<br>Standard | **DIN EN 60584** | | | Typ / Klasse<br>Type / classe<br>Type / class | **KX 1** |
| Farbcode<br>Code de couleur<br>Color code | Grün<br>Vert<br>Green | **+** | Weiss<br>Blanc<br>white | **–** | Leitungswiderstand<br>Résistance de conducteur<br>Resistance of the conductor | 31,513 Ω / m (20 °C) |
| Temperaturbereich<br>Gamme de température<br>Temperature range | -100 °C...+260 °C | | | | Gewicht<br>Poids<br>Weight | 1,7 g / m |

✓ **RoHS**
**Compliant**

| Pos. | Umschreibung | Description | Description | Querschnitt<br>Section<br>Cross-Section | Konstruktion<br>Construction<br>Construction | Abmessung<br>Dimension<br>Dimension | Material<br>Matériel<br>Material | Bemerkungen<br>Remarques<br>Remarks |
|---|---|---|---|---|---|---|---|---|
| 1 | Thermodraht | Fil de thermocouple | Thermocouple conductor | 0,03 mm² | 1 x | Ø 0,20 mm | NiCr-Ni | |
| 2 | Ader - Isolation | Isolation | Insulation | | | Ø 0,6 mm | PFA | verdrillt<br>torsadé<br>twisted |
| 3 | | | | | | | | |
| 4 | | | | | | | | |
| 5 | | | | | | | | |
| 6 | | | | | | | | |

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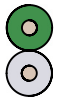

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zurück

**MESS- UND REGELTECHNIK**
**MESURE ET RÉGLAGE**

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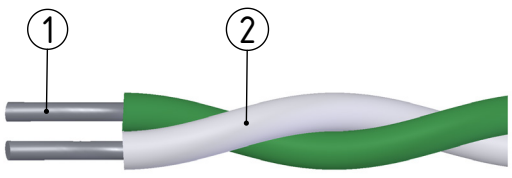
# Datenblatt — Fiche technique — Data Sheet

## Thermoleitung K — Câble de thermocouple K — Thermocouple cable K

| | | | | | |
|---|---|---|---|---|---|
| Artikelnummer<br>Numéro d'article<br>Item number | **9.103T.503.02X050** | | | Anzahl Paare<br>Nombre de pair<br>Number of pairs | 1 |
| Norm<br>Norme<br>Standard | **DIN EN 60584** | | | Typ / Klasse<br>Type / classe<br>Type / class | **KX 1** |
| Farbcode<br>Code de couleur<br>Color code | Grün<br>Vert<br>Green | **+** | Weiss<br>Blanc<br>white **–** | Leitungswiderstand<br>Résistance de conducteur<br>Resistance of the conductor | 5,042 Ω / m (20 °C) |
| Temperaturbereich<br>Gamme de température<br>Temperature range | -100 °C...+260 °C | | | Gewicht<br>Poids<br>Weight | 6,1 g / m |

✓ **RoHS**
**Compliant**

| | Umschreibung | Description | Description | Querschnitt<br>Section<br>Cross-Section | Konstruktion<br>Construction<br>Construction | Abmessung<br>Dimension<br>Dimension | Material<br>Matériel<br>Material | Bemerkungen<br>Remarques<br>Remarks |
|---|---|---|---|---|---|---|---|---|
| 1 | Thermodraht | Fil de thermocouple | Thermocouple conductor | 0,196 mm² | 1 x | Ø 0,50 mm | NiCr-Ni | |
| 2 | Ader - Isolation | Isolation | Insulation | | | Ø 1,0 mm | PFA | verdrillt<br>torsadé<br>twisted |
| 3 | | | | | | | | |
| 4 | | | | | | | | |
| 5 | | | | | | | | |
| 6 | | | | | | | | |

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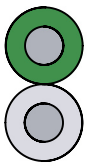

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zurück

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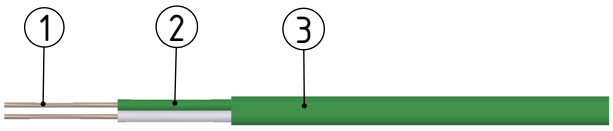
# Datenblatt — Fiche technique — Data Sheet

## Thermoleitung K — Câble de thermocouple K — Thermocouple cable K

| | | | | | |
|---|---|---|---|---|---|
| Artikelnummer<br>Numéro d'article<br>Item number | **9.103T.510.02X013** | | | Anzahl Paare<br>Nombre de pair<br>Number of pairs | 1 |
| Norm<br>Norme<br>Standard | **DIN EN 60584** | | | Typ / Klasse<br>Type / classe<br>Type / class | **KX 1** |
| Farbcode<br>Code de couleur<br>Color code | Grün<br>Vert<br>Green | **+** | Weiss<br>Blanc<br>white | Leitungswiderstand<br>Résistance de conducteur<br>Resistance of the conductor | 79,003 Ω / m (20 °C) |
| Temperaturbereich<br>Gamme de température<br>Temperature range | -267 °C...+260 °C | | | Gewicht<br>Poids<br>Weight | 0,7 g / m |

✓ **RoHS**
**Compliant**

| Pos. | Umschreibung | Description | Description | Querschnitt<br>Section<br>Cross-Section | Konstruktion<br>Construction<br>Construction | Abmessung<br>Dimension<br>Dimension | Material<br>Matériel<br>Material | Bemerkungen<br>Remarques<br>Remarks |
|---|---|---|---|---|---|---|---|---|
| 1 | Thermodraht | Fil de thermocouple | Thermocouple conductor | 0,0133 mm² | 1 x | Ø 0,13 mm | NiCr-Ni | |
| 2 | Ader - Isolation | Isolation | Insulation | | | Ø 0,3 mm | PFA | |
| 3 | Aussenmantel | Gaine extérieur | Outer sheath | | | 0,50 x 0,75 mm | PFA | grün<br>vert<br>green |
| 4 | | | | | | | | |
| 5 | | | | | | | | |
| 6 | | | | | | | | |

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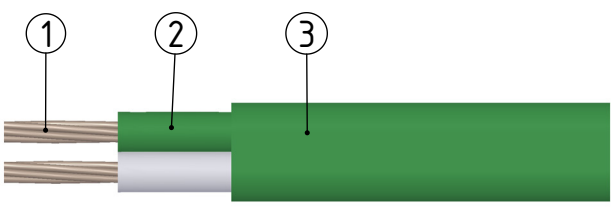
# Datenblatt | Fiche technique | Data Sheet

## Thermoleitung K | Câble de thermocouple K | Thermocouple cable K

| | | | | | |
|---|---|---|---|---|---|
| Artikelnummer<br>Numéro d'article<br>Item number | **9.103T.510.02X022** | | | Anzahl Paare<br>Nombre de pair<br>Number of pairs | 1 |
| Norm<br>Norme<br>Standard | **DIN EN 60584** | | | Typ / Klasse<br>Type / classe<br>Type / class | **KX 1** |
| Farbcode<br>Code de couleur<br>Color code | Grün<br>Vert<br>Green | **+** | Weiss<br>Blanc<br>white | **–** | Leitungswiderstand<br>Résistance de conducteur<br>Resistance of the conductor | 4,520 Ω / m (20 °C) |
| Temperaturbereich<br>Gamme de température<br>Temperature range | -60 °C...+260 °C | | | | Gewicht<br>Poids<br>Weight | 10,3 g / m |

✓ **RoHS**
**Compliant**

| Pos. | Umschreibung | Description | Description | Querschnitt<br>Section<br>Cross-Section | Konstruktion<br>Construction<br>Construction | Abmessung<br>Dimension<br>Dimension | Material<br>Matériel<br>Material | Bemerkungen<br>Remarques<br>Remarks |
|---|---|---|---|---|---|---|---|---|
| 1 | Thermo-Leiter | Cordon de thermocouple | Thermocouple conductor | 0,22 mm² | 7x Ø 0,20 mm | Ø 0,53 mm | NiCr-Ni | |
| 2 | Ader - Isolation | Isolation | Insulation | | | Ø 1,05 mm | PFA | |
| 3 | Aussenmantel | Gaine extérieur | Outer sheath | | | 1,60 x 2,60 mm | PFA | grün<br>vert<br>green |
| 4 | | | | | | | | |
| 5 | | | | | | | | |
| 6 | | | | | | | | |

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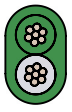

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zurück

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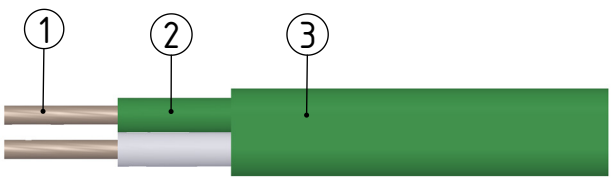
# Datenblatt | Fiche technique | Data Sheet

## Thermoleitung K | Câble de thermocouple K | Thermocouple cable K

| | | | | | |
|---|---|---|---|---|---|
| Artikelnummer<br>Numéro d'article<br>Item number | **9.103T.510.02X050** | | | Anzahl Paare<br>Nombre de pair<br>Number of pairs | 1 |
| Norm<br>Norme<br>Standard | **DIN EN 60584** | | | Typ / Klasse<br>Type / classe<br>Type / class | **KX 1** |
| Farbcode<br>Code de couleur<br>Color code | Grün<br>Vert<br>Green | **+** | Weiss<br>Blanc<br>white | **–** | Leitungswiderstand<br>Résistance de conducteur<br>Resistance of the conductor | 5,042 Ω / m (20 °C) |
| Temperaturbereich<br>Gamme de température<br>Temperature range | -100 °C...+260 °C | | | | Gewicht<br>Poids<br>Weight | 8,8 g / m |

✓ **RoHS**
**Compliant**

| Pos. | Umschreibung | Description | Description | Querschnitt<br>Section<br>Cross-Section | Konstruktion<br>Construction<br>Construction | Abmessung<br>Dimension<br>Dimension | Material<br>Matériel<br>Material | Bemerkungen<br>Remarques<br>Remarks |
|---|---|---|---|---|---|---|---|---|
| 1 | Thermodraht | Fil de thermocouple | Thermocouple conductor | 0,20 mm² | 1 x | Ø 0,50 mm | NiCr-Ni | |
| 2 | Ader - Isolation | Isolation | Insulation | | | Ø 0,9 mm | PFA | |
| 3 | Aussenmantel | Gaine extérieur | Outer sheath | | | 1,40 x 2,30 mm | PFA | grün<br>vert<br>green |
| 4 | | | | | | | | |
| 5 | | | | | | | | |
| 6 | | | | | | | | |

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zurück

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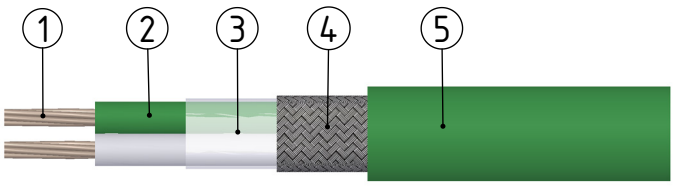
# Datenblatt — Fiche technique — Data Sheet

## Thermoleitung K — Câble de thermocouple K — Thermocouple cable K

| | | | | | |
|---|---|---|---|---|---|
| Artikelnummer<br>Numéro d'article<br>Item number | **9.103T.540.02X022** | | | Anzahl Paare<br>Nombre de pair<br>Number of pairs | 1 |
| Norm<br>Norme<br>Standard | **DIN EN 60584** | | | Typ / Klasse<br>Type / classe<br>Type / class | **KX 1** |
| Farbcode<br>Code de couleur<br>Color code | grün<br>vert<br>green | **+** | weiss<br>blanc<br>white | **–** | Leitungswiderstand<br>Résistance de conducteur<br>Resistance of the conductor | 4,502 Ω / m (20 °C) |
| Temperaturbereich<br>Gamme de température<br>Temperature range | -40 °C...+260 °C | | | | Gewicht<br>Poids<br>Weight | 20,5 g / m |

✓ **RoHS**
**Compliant**

| Pos. | Umschreibung | Description | Description | Querschnitt<br>Section<br>Cross-Section | Konstruktion<br>Construction<br>Construction | Abmessung<br>Dimension<br>Dimension | Material<br>Matériel<br>Material | Bemerkungen<br>Remarques<br>Remarks |
|---|---|---|---|---|---|---|---|---|
| 1 | Thermo - Leiter | Cordon de thermocouple | Thermocouple conductor | 0,22 mm² | 7 x Ø 0,20 mm | Ø 0,53 mm | NiCr-Ni | |
| 2 | Ader - Isolation | Isolation | Insulation | | | Ø 1,05 mm | PFA | |
| 3 | Folie | Bande | Tape | | | | Polyester<br>Polyester<br>Polyester | Bedeckung 25 %<br>Occultation 25 %<br>Coverage 25 % |
| 4 | Geflecht | Blindage | Braid | | | Ø 0,10 mm | Verzinnter Kupferdraht<br>Fil de cuivre, étamé<br>Tinned Copper wire | Bedeckung 75 %<br>Occultation 75 %<br>Coverage 75 % |
| 5 | Aussenmantel | Gaine extérieur | Outer sheath | | | Ø 3,1 mm | PFA | grün<br>vert<br>green |
| 6 | | | | | | | | |




4:1



5:1

zurück

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# Datenblatt — Fiche technique — Data Sheet

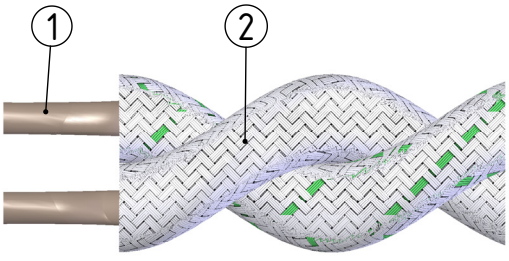
## Thermoleitung K — Câble de thermocouple K — Thermocouple cable K

| | | | | | |
|---|---|---|---|---|---|
| Artikelnummer<br>Numéro d'article<br>Item number | **9.103T.603.02X100** | | | Anzahl Paare<br>Nombre de pair<br>Number of pairs | 1 |
| Norm<br>Norme<br>Standard | **DIN EN 60584** | | | Typ / Klasse<br>Type / classe<br>Type / class | **KX 1** |
| Farbcode<br>Code de couleur<br>Color code | grün<br>vert<br>green | **+** | weiss<br>blanc<br>white | **–** | Leitungswiderstand<br>Résistance de conducteur<br>Resistance of the conductor | 0,990 Ω / m (20 °C) |
| Temperaturbereich<br>Gamme de température<br>Temperature range | -60 °C...+600 °C | | | | Gewicht<br>Poids<br>Weight | 25,0 g / m |

✓ **RoHS**
**Compliant**

✓ **halogenfrei**
**sans halogène**
**halogen-free**

| Pos. | Umschreibung | Description | Description | Querschnitt<br>Section<br>Cross-Section | Konstruktion<br>Construction<br>Construction | Abmessung<br>Dimension<br>Dimension | Material<br>Matériel<br>Material | Bemerkungen<br>Remarques<br>Remarks |
|---|---|---|---|---|---|---|---|---|
| 1 | Thermodraht | Fil de thermocouple | Thermocouple conductor | 0,78 mm² | 1 x | Ø 1,00 mm | NiCr-Ni | |
| 2 | Ader - Isolation | Isolation | Insulation | | | Ø 2,3 mm | Glasseide<br>Soie de verre<br>Glass fibre | verdrillt<br>torsadé<br>twisted |
| 3 | | | | | | | | |
| 4 | | | | | | | | |
| 5 | | | | | | | | |
| 6 | | | | | | | | |

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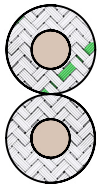

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zurück

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# Datenblatt — Fiche technique — Data Sheet

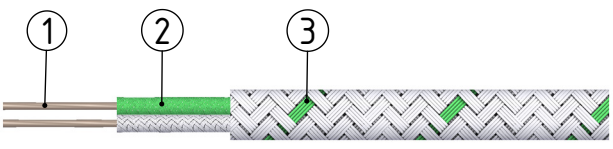
## Thermoleitung K — Câble de thermocouple K — Thermocouple cable K

| | | | | | |
|---|---|---|---|---|---|
| Artikelnummer<br>Numéro d'article<br>Item number | **9.103T.610.02X020** | | | Anzahl Paare<br>Nombre de pair<br>Number of pairs | 1 |
| Norm<br>Norme<br>Standard | **DIN EN 60584** | | | Typ / Klasse<br>Type / classe<br>Type / class | **KX 1** |
| Farbcode<br>Code de couleur<br>Color code | Grün<br>Vert<br>Green | **+** | Weiss<br>Blanc<br>white | **–** | Leitungswiderstand<br>Résistance de conducteur<br>Resistance of the conductor | 0,0315 Ω / m (20 °C) |
| Temperaturbereich<br>Gamme de température<br>Temperature range | -60 °C...+350 °C | | | | Gewicht<br>Poids<br>Weight | 3,2 g / m |

✓ **RoHS**
**Compliant**

✓ **halogenfrei**
**sans halogène**
**halogen-free**

| Pos. | Umschreibung | Description | Description | Querschnitt<br>Section<br>Cross-Section | Konstruktion<br>Construction<br>Construction | Abmessung<br>Dimension<br>Dimension | Material<br>Matériel<br>Material | Bemerkungen<br>Remarques<br>Remarks |
|---|---|---|---|---|---|---|---|---|
| 1 | Thermodraht | Fil de thermocouple | Thermocouple conductor | 0,0314 mm² | 1 x | Ø 0,20 mm | NiCr-Ni | |
| 2 | Ader - Isolation | Isolation | Insulation | | | Ø 0,45 mm | Glasseide<br>Soie de verre<br>Glass fibre | |
| 3 | Aussenmantel | Gaine extérieur | Outer sheath | | | 0,90 x 1,30 mm | Glasseide<br>Soie de verre<br>Glass fibre | Grüner Kennfaden<br>Identifier fil vert<br>Green identify thread |
| 4 | | | | | | | | |
| 5 | | | | | | | | |
| 6 | | | | | | | | |

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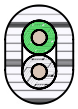

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zurück

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# Datenblatt | Fiche technique | Data Sheet

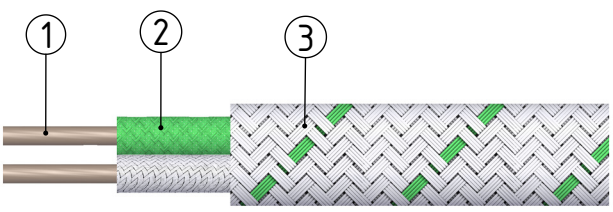
## Thermoleitung K | Câble de thermocouple K | Thermocouple cable K

| | | | | | |
|---|---|---|---|---|---|
| Artikelnummer<br>Numéro d'article<br>Item number | **9.103T.610.02X050** | | | Anzahl Paare<br>Nombre de pair<br>Number of pairs | 1 |
| Norm<br>Norme<br>Standard | **DIN EN 60584** | | | Typ / Klasse<br>Type / classe<br>Type / class | **KX 1** |
| Farbcode<br>Code de couleur<br>Color code | Grün<br>Vert<br>Green | **+** | Weiss<br>Blanc<br>white | **–** | Leitungswiderstand<br>Résistance de conducteur<br>Resistance of the conductor | 5,040 Ω / m (20 °C) |
| Temperaturbereich<br>Gamme de température<br>Temperature range | -60 °C...+350 °C | | | | Gewicht<br>Poids<br>Weight | 9,2 g / m |

✓ **RoHS**
**Compliant**

✓ **halogenfrei**
**sans halogène**
**halogen-free**

| Pos. | Umschreibung | Description | Description | Querschnitt<br>Section<br>Cross-Section | Konstruktion<br>Construction<br>Construction | Abmessung<br>Dimension<br>Dimension | Material<br>Matériel<br>Material | Bemerkungen<br>Remarques<br>Remarks |
|---|---|---|---|---|---|---|---|---|
| 1 | Thermodraht | Fil de thermocouple | Thermocouple conductor | 0,196 mm² | 1 x | Ø 0,50 mm | NiCr-Ni | |
| 2 | Ader - Isolation | Isolation | Insulation | | | Ø 1,0 mm | Glasseide<br>Soie de verre<br>Glass fibre | |
| 3 | Aussenmantel | Gaine extérieur | Outer sheath | | | 1,80 x 2,70 mm | Glasseide<br>Soie de verre<br>Glass fibre | Grüner Kennfaden<br>Identifier fil vert<br>Green identify thread |
| 4 | | | | | | | | |
| 5 | | | | | | | | |
| 6 | | | | | | | | |

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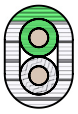

5:1

zurück

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# Datenblatt — Fiche technique — Data Sheet

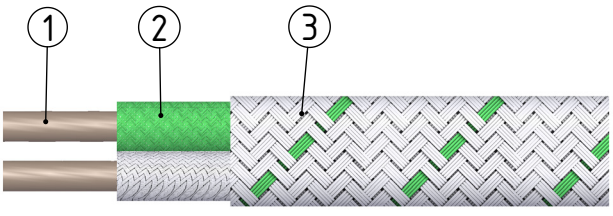
## Thermoleitung K — Câble de thermocouple K — Thermocouple cable K

| | | | | | |
|---|---|---|---|---|---|
| Artikelnummer<br>Numéro d'article<br>Item number | **9.103T.610.02X080** | | | Anzahl Paare<br>Nombre de pair<br>Number of pairs | 1 |
| Norm<br>Norme<br>Standard | **DIN EN 60584** | | | Typ / Klasse<br>Type / classe<br>Type / class | **KX 1** |
| Farbcode<br>Code de couleur<br>Color code | Grün<br>Vert<br>Green | **+** | Weiss<br>Blanc<br>white | **–** | Leitungswiderstand<br>Résistance de conducteur<br>Resistance of the conductor | 1,970 Ω / m (20 °C) |
| Temperaturbereich<br>Gamme de température<br>Temperature range | -60 °C...+350 °C | | | | Gewicht<br>Poids<br>Weight | 14,0 g / m |

✓ **RoHS**
**Compliant**

✓ **halogenfrei**
**sans halogène**
**halogen-free**

| Pos. | Umschreibung | Description | Description | Querschnitt<br>Section<br>Cross-Section | Konstruktion<br>Construction<br>Construction | Abmessung<br>Dimension<br>Dimension | Material<br>Matériel<br>Material | Bemerkungen<br>Remarques<br>Remarks |
|---|---|---|---|---|---|---|---|---|
| 1 | Thermodraht | Fil de thermocouple | Thermocouple conductor | 0,50 mm² | 1 x | Ø 0,80 mm | NiCr-Ni | |
| 2 | Ader - Isolation | Isolation | Insulation | | | Ø 1,3 mm | Glasseide<br>Soie de verre<br>Glass fibre | |
| 3 | Aussenmantel | Gaine extérieur | Outer sheath | | | 1,80 x 2,70 mm | Glasseide<br>Soie de verre<br>Glass fibre | Grüner Kennfaden<br>Identifier fil vert<br>Green identify thread |
| 4 | | | | | | | | |
| 5 | | | | | | | | |
| 6 | | | | | | | | |

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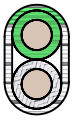

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# Datenblatt — Fiche technique — Data Sheet

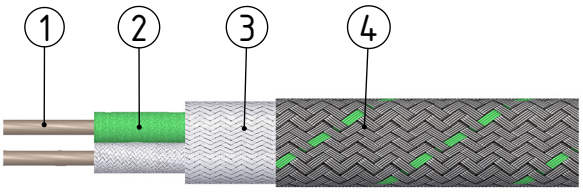
## Thermoleitung K — Câble de thermocouple K — Thermocouple cable K

| | | | | | |
|---|---|---|---|---|---|
| Artikelnummer<br>Numéro d'article<br>Item number | **9.103T.620.02X050** | | | Anzahl Paare<br>Nombre de pair<br>Number of pairs | 1 |
| Norm<br>Norme<br>Standard | **DIN EN 60584** | | | Typ / Klasse<br>Type / classe<br>Type / class | **KX 1** |
| Farbcode<br>Code de couleur<br>Color code | Grün<br>Vert<br>Green | **+** | Weiss<br>Blanc<br>white | **–** | Leitungswiderstand<br>Résistance de conducteur<br>Resistance of the conductor | 5,040 Ω / m (20 °C) |
| Temperaturbereich<br>Gamme de température<br>Temperature range | -60 °C...+350 °C | | | | Gewicht<br>Poids<br>Weight | 15,0 g / m |

✓ **RoHS**
**Compliant**

✓ **halogenfrei**
**sans halogène**
**halogen-free**

| Pos. | Umschreibung | Description | Description | Querschnitt<br>Section<br>Cross-Section | Konstruktion<br>Construction<br>Construction | Abmessung<br>Dimension<br>Dimension | Material<br>Matériel<br>Material | Bemerkungen<br>Remarques<br>Remarks |
|---|---|---|---|---|---|---|---|---|
| 1 | Thermodraht | Fil de thermocouple | Thermocouple conductor | 0,196 mm² | 1 x | Ø 0,50 mm | NiCr-Ni | |
| 2 | Ader - Isolation | Isolation | Insulation | | | Ø 1,0 mm | Glasseide<br>Soie de verre<br>Glass fibre | |
| 3 | Geflecht | Blindage | Braid | | | 1,80 x 2,70 mm | Glasseide<br>Soie de verre<br>Glass fibre | |
| 4 | Aussenmantel | Gaine extérieur | Outer sheath | | | 1,90 x 2,90 mm | Rostfreies Stahlgeflecht<br>Tresse en acier inoxydable<br>Stainless steel braid | Grüner Kennfaden<br>Identifier fil vert<br>Green identify thread |
| 5 | | | | | | | | |
| 6 | | | | | | | | |

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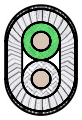

5:1

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# Datenblatt | Fiche technique | Data Sheet

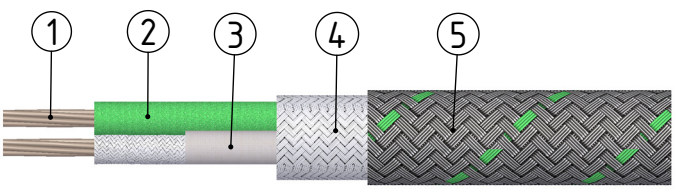
## Thermoleitung K | Câble de thermocouple K | Thermocouple cable K

| | | | | | |
|---|---|---|---|---|---|
| Artikelnummer<br>Numéro d'article<br>Item number | **9.103T.623.02X025** | | | Anzahl Paare<br>Nombre de pair<br>Number of pairs | 1 |
| Norm<br>Norme<br>Standard | **DIN EN 60584** | | | Typ / Klasse<br>Type / classe<br>Type / class | **KX 1** |
| Farbcode<br>Code de couleur<br>Color code | grün<br>vert<br>green | **+** | weiss<br>blanc<br>white | **–** | Leitungswiderstand<br>Résistance de conducteur<br>Resistance of the conductor | 3,940 Ω / m (20 °C) |
| Temperaturbereich<br>Gamme de température<br>Temperature range | -60 °C...+350 °C | | | | Gewicht<br>Poids<br>Weight | 20,0 g / m |

✓ **RoHS**
**Compliant**

✓ **halogenfrei**
**sans halogène**
**halogen-free**

| Pos. | Umschreibung | Description | Description | Querschnitt<br>Section<br>Cross-Section | Konstruktion<br>Construction<br>Construction | Abmessung<br>Dimension<br>Dimension | Material<br>Matériel<br>Material | Bemerkungen<br>Remarques<br>Remarks |
|---|---|---|---|---|---|---|---|---|
| 1 | Thermo - Leiter | Cordon de thermocouple | Thermocouple conductor | 0,25 mm² | 8 x Ø 0,20 mm | Ø 0,56 mm | NiCr-Ni | |
| 2 | Ader - Isolation | Isolation | Insulation | | | Ø 1,1 mm | Glasseide<br>Soie de verre<br>Glass fibre | Typ E<br>type E<br>type E |
| 3 | Füllmaterial | Remplissage | Filler | | | | Glasseide<br>Soie de verre<br>Glass fibre | Typ E<br>type E<br>type E |
| 4 | Geflecht | Blindage | Braid | | | | Glasseide<br>Soie de verre<br>Glass fibre | Typ E<br>type E<br>type E |
| 5 | Aussenmantel | Gaine extérieur | Outer sheath | | | Ø 3,1 mm | Rostfreies Stahlgeflecht<br>Tresse en acier inoxydable<br>Stainless steel braid | Grüner Kennfaden<br>Identifier fil vert<br>Green identify thread |
| 6 | | | | | | | | |

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# Datenblatt — Fiche technique — Data Sheet

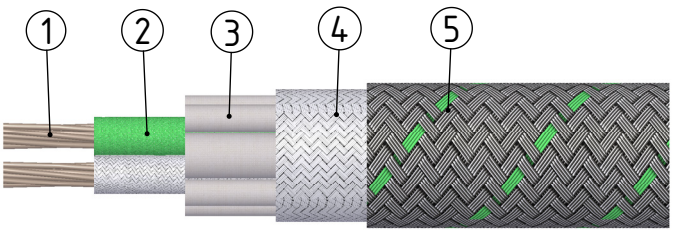
## Thermoleitung K — Câble de thermocouple K — Thermocouple cable K

| | | | | | |
|---|---|---|---|---|---|
| Artikelnummer<br>Numéro d'article<br>Item number | **9.103T.623.02X050** | | | Anzahl Paare<br>Nombre de pair<br>Number of pairs | 1 |
| Norm<br>Norme<br>Standard | **DIN EN 60584** | | | Typ / Klasse<br>Type / classe<br>Type / class | **KX 1** |
| Farbcode<br>Code de couleur<br>Color code | grün<br>vert<br>green | **+** | weiss<br>blanc<br>white | Leitungswiderstand<br>Résistance de conducteur<br>Resistance of the conductor | 1,970 Ω / m (20 °C) |
| Temperaturbereich<br>Gamme de température<br>Temperature range | -20 °C...+350 °C | | | Gewicht<br>Poids<br>Weight | 39,5 g / m |

✓ **RoHS**
**Compliant**

✓ **halogenfrei**
**sans halogène**
**halogen-free**

| Pos. | Umschreibung | Description | Description | Querschnitt<br>Section<br>Cross-Section | Konstruktion<br>Construction<br>Construction | Abmessung<br>Dimension<br>Dimension | Material<br>Matériel<br>Material | Bemerkungen<br>Remarques<br>Remarks |
|---|---|---|---|---|---|---|---|---|
| 1 | Thermo - Leiter | Cordon de thermocouple | Thermocouple conductor | 0,50 mm² | 16 x Ø 0,20 mm | Ø 0,80 mm | NiCr-Ni | |
| 2 | Ader - Isolation | Isolation | Insulation | | | Ø 1,3 mm | Glasseide<br>Soie de verre<br>Glass fibre | Typ E<br>type E<br>type E |
| 3 | Füllmaterial | Remplissage | Filler | | | | Glasseide<br>Soie de verre<br>Glass fibre | Typ E<br>type E<br>type E |
| 4 | Geflecht | Blindage | Braid | | | | Glasseide<br>Soie de verre<br>Glass fibre | Typ E<br>type E<br>type E |
| 5 | Aussenmantel | Gaine extérieur | Outer sheath | | | Ø 4,8 mm | Rostfreies Stahlgeflecht<br>Tresse en acier inoxydable<br>Stainless steel braid | Grüner Kennfaden<br>Identifier fil vert<br>Green identify thread |
| 6 | | | | | | | | |

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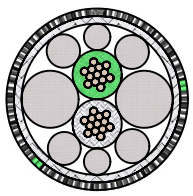

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zurück

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# Datenblatt | Fiche technique | Data Sheet

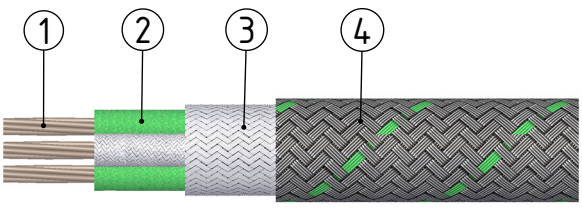
## Thermoleitung K | Câble de thermocouple K | Thermocouple cable K

| | | | | | |
|---|---|---|---|---|---|
| Artikelnummer<br>Numéro d'article<br>Item number | **9.103T.623.04X022** | | | Anzahl Paare<br>Nombre de pair<br>Number of pairs | 2 |
| Norm<br>Norme<br>Standard | **DIN EN 60584** | | | Typ / Klasse<br>Type / classe<br>Type / class | **KX 1** |
| Farbcode<br>Code de couleur<br>Color code | grün<br>vert<br>green | **+** | weiss<br>blanc<br>white | **–** | Leitungswiderstand<br>Résistance de conducteur<br>Resistance of the conductor | 4,502 Ω / m (20 °C) |
| Temperaturbereich<br>Gamme de température<br>Temperature range | -60 °C...+350 °C | | | | Gewicht<br>Poids<br>Weight | 28,0 g / m |

✓ **RoHS**
**Compliant**

✓ **halogenfrei**
**sans halogène**
**halogen-free**

| Pos. | Umschreibung | Description | Description | Querschnitt<br>Section<br>Cross-Section | Konstruktion<br>Construction<br>Construction | Abmessung<br>Dimension<br>Dimension | Material<br>Matériel<br>Material | Bemerkungen<br>Remarques<br>Remarks |
|---|---|---|---|---|---|---|---|---|
| 1 | Thermo - Leiter | Cordon de thermocouple | Thermocouple conductor | 0,22 mm² | 7 x Ø 0,20 mm | Ø 0,53 mm | NiCr-Ni | |
| 2 | Ader - Isolation | Isolation | Insulation | | | Ø 1,1 mm | Glasseide<br>Soie de verre<br>Glass fibre | Typ E<br>type E<br>type E |
| 3 | Geflecht | Blindage | Braid | | | | Glasseide<br>Soie de verre<br>Glass fibre | Typ E<br>type E<br>type E |
| 4 | Aussenmantel | Gaine extérieur | Outer sheath | | | Ø 3,4 mm | Rostfreies Stahlgeflecht<br>Tresse en acier inoxydable<br>Stainless steel braid | Grüner Kennfaden<br>Identifier fil vert<br>Green identify thread |
| 5 | | | | | | | | |
| 6 | | | | | | | | |

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zurück

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# Datenblatt | Fiche technique | Data Sheet

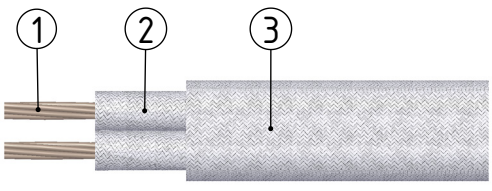
## Thermoleitung K | Câble de thermocouple K | Thermocouple cable K

| | | | | | |
|---|---|---|---|---|---|
| Artikelnummer<br>Numéro d'article<br>Item number | **9.103T.810.02X022** | | | Anzahl Paare<br>Nombre de pair<br>Number of pairs | 1 |
| Norm<br>Norme<br>Standard | **DIN EN 60584** | | | Typ / Klasse<br>Type / classe<br>Type / class | **KX 1** |
| Farbcode<br>Code de couleur<br>Color code | weiss<br>blanc<br>white | **+** | weiss<br>blanc<br>white | **–** | Leitungswiderstand<br>Résistance de conducteur<br>Resistance of the conductor | 4,502 Ω / m (20 °C) |
| Temperaturbereich<br>Gamme de température<br>Temperature range | -60 °C...+1200 °C | | | | Gewicht<br>Poids<br>Weight | 10,0 g / m |

✓ **RoHS**
**Compliant**

✓ **halogenfrei**
**sans halogène**
**halogen-free**

| Pos. | Umschreibung | Description | Description | Querschnitt<br>Section<br>Cross-Section | Konstruktion<br>Construction<br>Construction | Abmessung<br>Dimension<br>Dimension | Material<br>Matériel<br>Material | Bemerkungen<br>Remarques<br>Remarks |
|---|---|---|---|---|---|---|---|---|
| 1 | Thermo-Leiter | Cordon de thermocouple | Thermocouple conductor | 0,22 mm² | 7x Ø 0,20 mm | Ø 0,53 mm | NiCr-Ni | |
| 2 | Ader - Isolation | Isolation | Insulation | | | Ø 1,3 mm | Keramikgarn<br>Fil céramique<br>Ceramic yarn | weiss<br>blanc<br>white |
| 3 | Aussenmantel | Gaine extérieur | Outer sheath | | | 2,0 x 3,3 mm | Keramikgarn<br>Fil céramique<br>Ceramic yarn | weiss<br>blanc<br>white |
| 4 | | | | | | | | |
| 5 | | | | | | | | |
| 6 | | | | | | | | |

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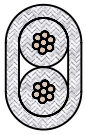

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# Datenblatt | Fiche technique | Data Sheet

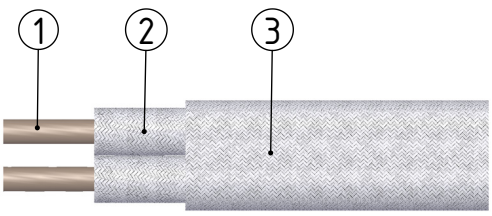
## Thermoleitung K | Câble de thermocouple K | Thermocouple cable K

| | | | | | |
|---|---|---|---|---|---|
| Artikelnummer<br>Numéro d'article<br>Item number | **9.103T.810.02X080** | | | Anzahl Paare<br>Nombre de pair<br>Number of pairs | 1 |
| Norm<br>Norme<br>Standard | **DIN EN 60584** | | | Typ / Klasse<br>Type / classe<br>Type / class | **KX 1** |
| Farbcode<br>Code de couleur<br>Color code | weiss<br>blanc<br>white | **+** | weiss<br>blanc<br>white | Leitungswiderstand<br>Résistance de conducteur<br>Resistance of the conductor | 1,970 Ω / m (20 °C) |
| Temperaturbereich<br>Gamme de température<br>Temperature range | -60 °C...+1200 °C | | | Gewicht<br>Poids<br>Weight | 15,0 g / m |

✓ **RoHS**
**Compliant**

✓ **halogenfrei**
**sans halogène**
**halogen-free**

| Pos. | Umschreibung | Description | Description | Querschnitt<br>Section<br>Cross-Section | Konstruktion<br>Construction<br>Construction | Abmessung<br>Dimension<br>Dimension | Material<br>Matériel<br>Material | Bemerkungen<br>Remarques<br>Remarks |
|---|---|---|---|---|---|---|---|---|
| 1 | Thermodraht | Fil de thermocouple | Thermocouple conductor | 0,50 mm² | 1 x | Ø 0,80 mm | NiCr-Ni | |
| 2 | Ader - Isolation | Isolation | Insulation | | | Ø 1,55 mm | Keramikgarn<br>Fil céramique<br>Ceramic yarn | |
| 3 | Aussenmantel | Gaine extérieur | Outer sheath | | | 2,2 x 3,2 mm | Keramikgarn<br>Fil céramique<br>Ceramic yarn | ohne Kennfaden<br>sans identifier fil<br>without identify thread |
| 4 | | | | | | | | |
| 5 | | | | | | | | |
| 6 | | | | | | | | |

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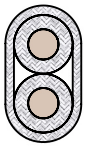

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# Datenblatt — Fiche technique — Data Sheet

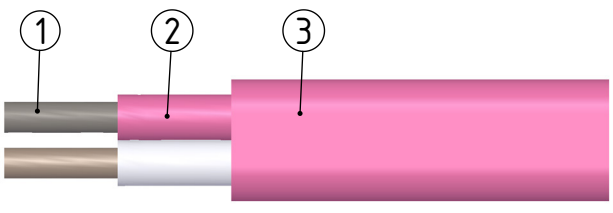
## Thermoleitung N — Câble de thermocouple N — Thermocouple cable N

| | | | | | |
|---|---|---|---|---|---|
| Artikelnummer<br>Numéro d'article<br>Item number | **9.104T.610.02X081** | | | Anzahl Paare<br>Nombre de pair<br>Number of pairs | 1 |
| Norm<br>Norme<br>Standard | **DIN EN 60584** | | | Typ / Klasse<br>Type / classe<br>Type / class | **NX 1** |
| Farbcode<br>Code de couleur<br>Color code | pink<br>rose<br>pink | **+** | weiss<br>blanc<br>white | **–** | Leitungswiderstand<br>Résistance de conducteur<br>Resistance of the conductor | 2,89 Ω / m (20 °C) |
| Temperaturbereich<br>Gamme de température<br>Temperature range | -267 °C...+260 °C | | | | Gewicht<br>Poids<br>Weight | 10,0 g / m |

✓ **RoHS**
**Compliant**

| Pos. | Umschreibung | Description | Description | Querschnitt<br>Section<br>Cross-Section | Konstruktion<br>Construction<br>Construction | Abmessung<br>Dimension<br>Dimension | Material<br>Matériel<br>Material | Bemerkungen<br>Remarques<br>Remarks |
|---|---|---|---|---|---|---|---|---|
| 1 | Thermo - Leiter | Cordon de thermocouple | Thermocouple conductor | 0,52 mm² | 1 x | Ø 0,81 mm | Nicrosil-Nisil | |
| 2 | Ader - Isolation | Isolation | Insulation | | | Ø 1,20 mm | PFA | |
| 3 | Aussenmantel | Gaine extérieur | Outer sheath | | | 1,8 x 3,2 mm | PFA | pink<br>rose<br>pink |
| 4 | | | | | | | | |
| 5 | | | | | | | | |
| 6 | | | | | | | | |

Sämtliche Angaben müssen noch überprüft werden beim Neueingang.

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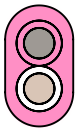

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zurück

**MESS- UND REGELTECHNIK**
**MESURE ET RÉGLAGE**

Seit über 60 Jahren Innovativ Kompetent Präzis

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# Datenblatt | Fiche technique | Data Sheet

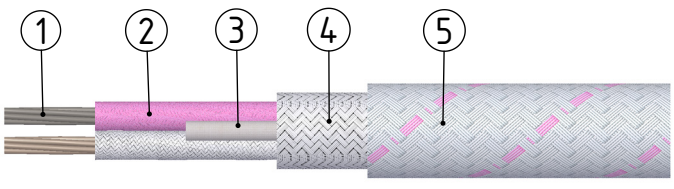
## Thermoleitung N | Câble de thermocouple N | Thermocouple cable N

| | | | | | |
|---|---|---|---|---|---|
| Artikelnummer<br>Numéro d'article<br>Item number | **9.104T.623.02X022** | | | Anzahl Paare<br>Nombre de pair<br>Number of pairs | 1 |
| Norm<br>Norme<br>Standard | **DIN EN 60584** | | | Typ / Klasse<br>Type / classe<br>Type / class | **NX 1** |
| Farbcode<br>Code de couleur<br>Color code | pink<br>rose<br>pink | **+** | weiss<br>blanc<br>white **–** | Leitungswiderstand<br>Résistance de conducteur<br>Resistance of the conductor | 6,000 Ω / m (20 °C) |
| Temperaturbereich<br>Gamme de température<br>Temperature range | -80 °C...+350 °C | | | Gewicht<br>Poids<br>Weight | 22,1 g / m |

✓ **RoHS**
**Compliant**

✓ **halogenfrei**
**sans halogène**
**halogen-free**

| Pos. | Umschreibung | Description | Description | Querschnitt<br>Section<br>Cross-Section | Konstruktion<br>Construction<br>Construction | Abmessung<br>Dimension<br>Dimension | Material<br>Matériel<br>Material | Bemerkungen<br>Remarques<br>Remarks |
|---|---|---|---|---|---|---|---|---|
| 1 | Thermo - Leiter | Cordon de thermocouple | Thermocouple conductor | 0,22 mm² | 7 x 0,20 | Ø 0,53 mm | Nicrosil-Nisil | |
| 2 | Ader - Isolation | Isolation | Insulation | | | Ø 0,95 mm | Glasseide<br>Soie de verre<br>Glass fibre | Typ E<br>type E<br>type E |
| 3 | Füllmaterial | Remplissage | Filler | | | | Glasseide<br>Soie de verre<br>Glass fibre | Typ E<br>type E<br>type E |
| 4 | Geflecht | Blindage | Braid | | | | Glasseide<br>Soie de verre<br>Glass fibre | Typ E<br>type E<br>type E |
| 5 | Aussenmantel | Gaine extérieur | Outer sheath | | | Ø 3,1 mm | Rostfreies Stahlgeflecht<br>Tresse en acier inoxydable<br>Stainless steel braid | Pinker Kennfaden<br>Identifier fil rose<br>Pink identify thread |
| 6 | | | | | | | | |



4:1


5:1

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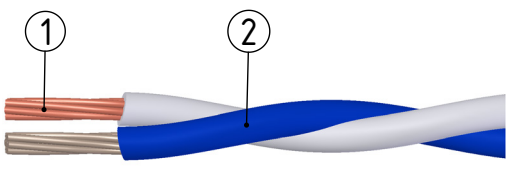
# Datenblatt | Fiche technique | Data Sheet

## Thermoleitung T | Câble de thermocouple T | Thermocouple cable T

| | | | | | |
|---|---|---|---|---|---|
| Artikelnummer<br>Numéro d'article<br>Item number | **9.105T.503.02X020.B** | | | Anzahl Paare<br>Nombre de pair<br>Number of pairs | 1 |
| Norm<br>Norme<br>Standard | **BS 1843** | | | Typ / Klasse<br>Type / classe<br>Type / class | **TX 1** |
| Farbcode<br>Code de couleur<br>Color code | weiss<br>blanc<br>white | **+** | blau<br>bleu<br>blue **–** | Leitungswiderstand<br>Résistance de conducteur<br>Resistance of the conductor | ??? Ω / m (20 °C) |
| Temperaturbereich<br>Gamme de température<br>Temperature range | -75 °C...+250 °C | | | Gewicht<br>Poids<br>Weight | 5,5 g / m |

✓ **RoHS**
**Compliant**

| Pos. | Umschreibung | Description | Description | Querschnitt<br>Section<br>Cross-Section | Konstruktion<br>Construction<br>Construction | Abmessung<br>Dimension<br>Dimension | Material<br>Matériel<br>Material | Bemerkungen<br>Remarques<br>Remarks |
|---|---|---|---|---|---|---|---|---|
| 1 | Thermo - Leiter | Cordon de thermocouple | Thermocouple conductor | 0,22 mm² | 7 x Ø 0,20 mm | Ø 0,53 mm | Cu-CuNi | |
| 2 | Ader - Isolation | Isolation | Insulation | | | Ø 0,90 mm | PTFE | verdrillt<br>torasdé<br>twisted |
| 3 | | | | | | | | |
| 4 | | | | | | | | |
| 5 | | | | | | | | |
| 6 | | | | | | | | |

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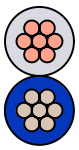

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zurück

**MESS- UND REGELTECHNIK**
**MESURE ET RÉGLAGE**

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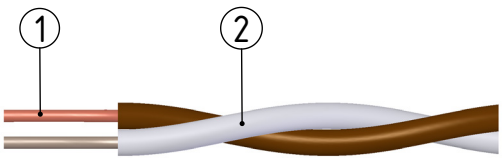
# Datenblatt | Fiche technique | Data Sheet

## Thermoleitung T | Câble de thermocouple T | Thermocouple cable T

| | | | | | |
|---|---|---|---|---|---|
| Artikelnummer<br>Numéro d'article<br>Item number | **9.105T.503.02X032** | | | Anzahl Paare<br>Nombre de pair<br>Number of pairs | 1 |
| Norm<br>Norme<br>Standard | **DIN EN 60584** | | | Typ / Klasse<br>Type / classe<br>Type / class | **TX 1** |
| Farbcode<br>Code de couleur<br>Color code | braun<br>marron<br>brown | **+** | weiss<br>blanc<br>white | **–** | Leitungswiderstand<br>Résistance de conducteur<br>Resistance of the conductor | 6,311 Ω / m (20 °C) |
| Temperaturbereich<br>Gamme de température<br>Temperature range | -100 °C...+250 °C | | | | Gewicht<br>Poids<br>Weight | 2,8 g / m |

✓ **RoHS**
**Compliant**

| Pos. | Umschreibung | Description | Description | Querschnitt<br>Section<br>Cross-Section | Konstruktion<br>Construction<br>Construction | Abmessung<br>Dimension<br>Dimension | Material<br>Matériel<br>Material | Bemerkungen<br>Remarques<br>Remarks |
|---|---|---|---|---|---|---|---|---|
| 1 | Thermo - Leiter | Cordon de thermocouple | Thermocouple conductor | 0,08 mm² | 1 x | Ø 0,32 mm | Cu-CuNi | |
| 2 | Ader - Isolation | Isolation | Insulation | | | Ø 0,7 mm | MFA | verdrillt<br>torsadé<br>twisted |
| 3 | | | | | | | | |
| 4 | | | | | | | | |
| 5 | | | | | | | | |
| 6 | | | | | | | | |

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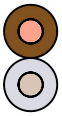

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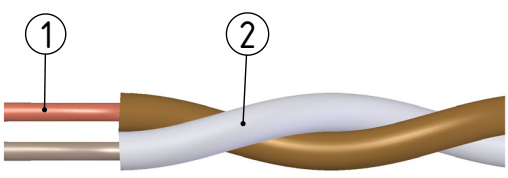
# Datenblatt | Fiche technique | Data Sheet

## Thermoleitung T | Câble de thermocouple T | Thermocouple cable T

| | | | | | |
|---|---|---|---|---|---|
| Artikelnummer<br>Numéro d'article<br>Item number | **9.105T.503.02X050** | | | Anzahl Paare<br>Nombre de pair<br>Number of pairs | 1 |
| Norm<br>Norme<br>Standard | **DIN EN 60584** | | | Typ / Klasse<br>Type / classe<br>Type / class | **TX 1** |
| Farbcode<br>Code de couleur<br>Color code | braun<br>marron<br>brown | **+** | weiss<br>blanc<br>white | **–** | Leitungswiderstand<br>Résistance de conducteur<br>Resistance of the conductor | 2,500 Ω / m (20 °C) |
| Temperaturbereich<br>Gamme de température<br>Temperature range | -100 °C...+260 °C | | | | Gewicht<br>Poids<br>Weight | 6,3 g / m |

✓ **RoHS**
**Compliant**

| Pos. | Umschreibung | Description | Description | Querschnitt<br>Section<br>Cross-Section | Konstruktion<br>Construction<br>Construction | Abmessung<br>Dimension<br>Dimension | Material<br>Matériel<br>Material | Bemerkungen<br>Remarques<br>Remarks |
|---|---|---|---|---|---|---|---|---|
| 1 | Thermo - Leiter | Cordon de thermocouple | Thermocouple conductor | 0,20 mm² | 1 x | Ø 0,50 mm | Cu-CuNi | |
| 2 | Ader - Isolation | Isolation | Insulation | | | Ø 1,0 mm | PFA | verdrillt<br>torsadé<br>twisted |
| 3 | | | | | | | | |
| 4 | | | | | | | | |
| 5 | | | | | | | | |
| 6 | | | | | | | | |

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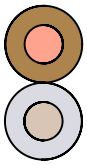

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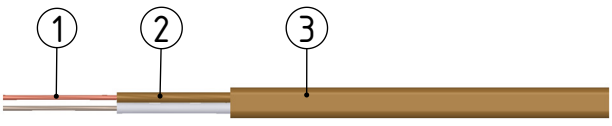
# Datenblatt | Fiche technique | Data Sheet

## Thermoleitung T | Câble de thermocouple T | Thermocouple cable T

| | | | | | |
|---|---|---|---|---|---|
| Artikelnummer<br>Numéro d'article<br>Item number | **9.105T.510.02X013** | | | Anzahl Paare<br>Nombre de pair<br>Number of pairs | 1 |
| Norm<br>Norme<br>Standard | **DIN EN 60584** | | | Typ / Klasse<br>Type / classe<br>Type / class | **TX 1** |
| Farbcode<br>Code de couleur<br>Color code | braun<br>marron<br>brown | **+** | weiss<br>blanc<br>white | **–** | Leitungswiderstand<br>Résistance de conducteur<br>Resistance of the conductor | 39,928 Ω / m (20 °C) |
| Temperaturbereich<br>Gamme de température<br>Temperature range | -267 °C...+260 °C | | | | Gewicht<br>Poids<br>Weight | 0,7 g / m |

✓ **RoHS**
**Compliant**

| Pos. | Umschreibung | Description | Description | Querschnitt<br>Section<br>Cross-Section | Konstruktion<br>Construction<br>Construction | Abmessung<br>Dimension<br>Dimension | Material<br>Matériel<br>Material | Bemerkungen<br>Remarques<br>Remarks |
|---|---|---|---|---|---|---|---|---|
| 1 | Thermo - Leiter | Cordon de thermocouple | Thermocouple conductor | 0,013 mm² | 1 x | Ø 0,13 mm | Cu-CuNi | |
| 2 | Ader - Isolation | Isolation | Insulation | | | Ø 0,28 mm | PFA | |
| 3 | Aussenmantel | Gaine extérieur | Outer sheath | | | 0,40 x 0,80 mm | PFA | braun<br>marron<br>brown |
| 4 | | | | | | | | |
| 5 | | | | | | | | |
| 6 | | | | | | | | |

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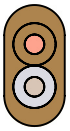

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zurück

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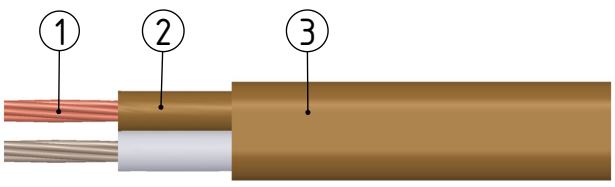
# Datenblatt | Fiche technique | Data Sheet

## Thermoleitung T | Câble de thermocouple T | Thermocouple cable T

| | | | | | |
|---|---|---|---|---|---|
| Artikelnummer<br>Numéro d'article<br>Item number | **9.105T.510.02X022** | | | Anzahl Paare<br>Nombre de pair<br>Number of pairs | 1 |
| Norm<br>Norme<br>Standard | **DIN EN 60584** | | | Typ / Klasse<br>Type / classe<br>Type / class | **TX 1** |
| Farbcode<br>Code de couleur<br>Color code | braun<br>marron<br>brown | **+** | weiss<br>blanc<br>white | **–** | Leitungswiderstand<br>Résistance de conducteur<br>Resistance of the conductor | 2,308 Ω / m (20 °C) |
| Temperaturbereich<br>Gamme de température<br>Temperature range | -100 °C...+260 °C | | | | Gewicht<br>Poids<br>Weight | 10,4 g / m |

✓ **RoHS**
**Compliant**

| Pos. | Umschreibung | Description | Description | Querschnitt<br>Section<br>Cross-Section | Konstruktion<br>Construction<br>Construction | Abmessung<br>Dimension<br>Dimension | Material<br>Matériel<br>Material | Bemerkungen<br>Remarques<br>Remarks |
|---|---|---|---|---|---|---|---|---|
| 1 | Thermo - Leiter | Cordon de thermocouple | Thermocouple conductor | 0,22 mm² | 7 x Ø 0,20 mm | Ø 0,53 mm | Cu-CuNi | |
| 2 | Ader - Isolation | Isolation | Insulation | | | Ø 1,05 mm | PFA | |
| 3 | Aussenmantel | Gaine extérieur | Outer sheah | | | 1,60 x 2,60 mm | PFA | braun<br>marron<br>brown |
| 4 | | | | | | | | |
| 5 | | | | | | | | |
| 6 | | | | | | | | |



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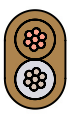
5:1

zurück

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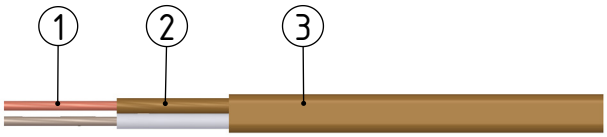
# Datenblatt | Fiche technique | Data Sheet

## Thermoleitung T | Câble de thermocouple T | Thermocouple cable T

| | | | | | |
|---|---|---|---|---|---|
| Artikelnummer<br>Numéro d'article<br>Item number | **9.105T.510.02X025** | | | Anzahl Paare<br>Nombre de pair<br>Number of pairs | 1 |
| Norm<br>Norme<br>Standard | **DIN EN 60584** | | | Typ / Klasse<br>Type / classe<br>Type / class | **TX 1** |
| Farbcode<br>Code de couleur<br>Color code | braun<br>marron<br>brown | **+** | weiss<br>blanc<br>white | **–** | Leitungswiderstand<br>Résistance de conducteur<br>Resistance of the conductor | 9,984 Ω / m (20 °C) |
| Temperaturbereich<br>Gamme de température<br>Temperature range | -267 °C...+250 °C | | | | Gewicht<br>Poids<br>Weight | 1,6 g / m |

✓ **RoHS**
**Compliant**

| Pos. | Umschreibung | Description | Description | Querschnitt<br>Section<br>Cross-Section | Konstruktion<br>Construction<br>Construction | Abmessung<br>Dimension<br>Dimension | Material<br>Matériel<br>Material | Bemerkungen<br>Remarques<br>Remarks |
|---|---|---|---|---|---|---|---|---|
| 1 | Thermo - Leiter | Cordon de thermocouple | Thermocouple conductor | 0,049 mm² | 1 x | Ø 0,25 mm | Cu-CuNi | |
| 2 | Ader - Isolation | Isolation | Insulation | | | Ø 0,40 mm | PFA | |
| 3 | Aussenmantel | Gaine extérieur | Outer sheath | | | 0,50 x 1,00 mm | PFA | braun<br>marron<br>brown |
| 4 | | | | | | | | |
| 5 | | | | | | | | |
| 6 | | | | | | | | |

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# Datenblatt | Fiche technique | Data Sheet

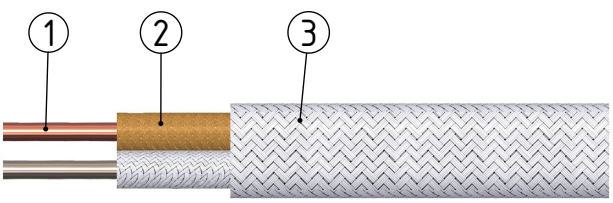
## Thermoleitung T | Câble de thermocouple T | Thermocouple cable T

| | | | | | |
|---|---|---|---|---|---|
| Artikelnummer<br>Numéro d'article<br>Item number | **9.105T.610.02X050** | | | Anzahl Paare<br>Nombre de pair<br>Number of pairs | 1 |
| Norm<br>Norme<br>Standard | **DIN EN 60584** | | | Typ / Klasse<br>Type / classe<br>Type / class | **TX 1** |
| Farbcode<br>Code de couleur<br>Color code | braun<br>marron<br>brown | **+** | weiss<br>blanc<br>white | **–** | Leitungswiderstand<br>Résistance de conducteur<br>Resistance of the conductor | 2,500 Ω / m (20 °C) |
| Temperaturbereich<br>Gamme de température<br>Temperature range | -60 °C...+400 °C | | | | Gewicht<br>Poids<br>Weight | 9,3 g / m |

✓ **RoHS**
**Compliant**

✓ **halogenfrei**
**sans halogène**
**halogen-free**

| Pos. | Umschreibung | Description | Description | Querschnitt<br>Section<br>Cross-Section | Konstruktion<br>Construction<br>Construction | Abmessung<br>Dimension<br>Dimension | Material<br>Matériel<br>Material | Bemerkungen<br>Remarques<br>Remarks |
|---|---|---|---|---|---|---|---|---|
| 1 | Thermo - Leiter | Cordon de thermocouple | Thermocouple conductor | 0,20 mm² | 1 x | Ø 0,50 mm | Cu-CuNi | |
| 2 | Ader - Isolation | Isolation | Insulation | | | Ø 1,0 mm | Glasseide<br>Soie de verre<br>Glass fibre | |
| 3 | Aussenmantel | Gaine extérieur | Outer sheath | | | 1,50 x 2,50 mm | Glasseide<br>Soie de verre<br>Glass fibre | |
| 4 | | | | | | | | |
| 5 | | | | | | | | |
| 6 | | | | | | | | |

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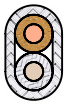

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# Datenblatt — Fiche technique — Data Sheet

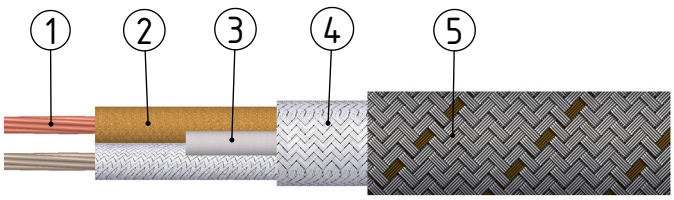
## Thermoleitung T — Câble de thermocouple T — Thermocouple cable T

| | | | | | |
|---|---|---|---|---|---|
| Artikelnummer<br>Numéro d'article<br>Item number | **9.105T.623.02X025** | | | Anzahl Paare<br>Nombre de pair<br>Number of pairs | 1 |
| Norm<br>Norme<br>Standard | **DIN EN 60584** | | | Typ / Klasse<br>Type / classe<br>Type / class | **TX 1** |
| Farbcode<br>Code de couleur<br>Color code | braun<br>marron<br>brown | **+** | weiss<br>blanc<br>white | **–** | Leitungswiderstand<br>Résistance de conducteur<br>Resistance of the conductor | 2,020 Ω / m (20 °C) |
| Temperaturbereich<br>Gamme de température<br>Temperature range | -40 °C...+350 °C | | | | Gewicht<br>Poids<br>Weight | 21,7 g / m |

✓ **RoHS**
**Compliant**

✓ **halogenfrei**
**sans halogène**
**halogen-free**

| Pos. | Umschreibung | Description | Description | Querschnitt<br>Section<br>Cross-Section | Konstruktion<br>Construction<br>Construction | Abmessung<br>Dimension<br>Dimension | Material<br>Matériel<br>Material | Bemerkungen<br>Remarques<br>Remarks |
|---|---|---|---|---|---|---|---|---|
| 1 | Thermo - Leiter | Cordon de thermocouple | Thermocouple conductor | 0,25 mm² | 8 x Ø 0,20 mm | Ø 0,56 mm | Cu-CuNi | |
| 2 | Ader - Isolation | Isolation | Insulation | | | Ø 1,20 mm | Glasseide<br>Soie de verre<br>Glass fibre | |
| 3 | Füllmaterial | Remplissage | Filler | | | | Glasseide<br>Soie de verre<br>Glass fibre | |
| 4 | Geflecht | Blindage | Braid | | | | Glasseide<br>Soie de verre<br>Glass fibre | |
| 5 | Aussenmantel | Gaine extérieur | Outer sheath | | | Ø 3,40 mm | Rostfreies Stahlgeflecht<br>Tresse en acier inoxydable<br>Stainless steel braid | brauner Kennfaden<br>identifier fil marron<br>brown identify thread |
| 6 | | | | | | | | |

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zurück

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# Datenblatt | Fiche technique | Data Sheet

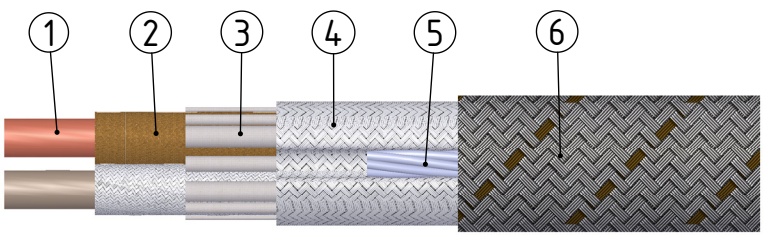
## Thermoleitung T | Câble de thermocouple T | Thermocouple cable T

| | | | | | |
|---|---|---|---|---|---|
| Artikelnummer<br>Numéro d'article<br>Item number | **9.105T.646.02X129** | | | Anzahl Paare<br>Nombre de pair<br>Number of pairs | 1 |
| Norm<br>Norme<br>Standard | **DIN EN 60584** | | | Typ / Klasse<br>Type / classe<br>Type / class | **TX 1** |
| Farbcode<br>Code de couleur<br>Color code | braun<br>marron<br>brown | **+** | weiss<br>blanc<br>white **–** | Leitungswiderstand<br>Résistance de conducteur<br>Resistance of the conductor | 0,388 Ω / m (20 °C) |
| Temperaturbereich<br>Gamme de température<br>Temperature range | -40 °C...+350 °C | | | Gewicht<br>Poids<br>Weight | 51,3 g / m |

✓ **RoHS**
**Compliant**

✓ **halogenfrei**
**sans halogène**
**halogen-free**

| Pos. | Umschreibung | Description | Description | Querschnitt<br>Section<br>Cross-Section | Konstruktion<br>Construction<br>Construction | Abmessung<br>Dimension<br>Dimension | Material<br>Matériel<br>Material | Bemerkungen<br>Remarques<br>Remarks |
|---|---|---|---|---|---|---|---|---|
| 1 | Thermo - Leiter | Cordon de thermocouple | Thermocouple conductor | 1,31 mm² | 1 x | Ø 1,29 mm | Cu-CuNi | |
| 2 | Ader - Isolation | Isolation | Insulation | | | Ø 1,70 mm | Glasseide<br>Soie de verre<br>Glass fibre | |
| 3 | Füllmaterial | Remplissage | Filler | | | | Glasseide<br>Soie de verre<br>Glass fibre | |
| 4 | Geflecht | Blindage | Braid | | | | Glasseide<br>Soie de verre<br>Glass fibre | |
| 5 | Beilauflitze | Gordon de drain | Drains strand | 0,50 mm² | 7 x Ø 0,30 mm | Ø 0,78 mm | Verzinnte Kupferlitze<br>Gordon cuivre étamé<br>Tin plated copper strand | |
| 6 | Aussenmantel | Gaine extérieur | Outer sheath | | | Ø 4,50 mm | Rostfreies Stahlgeflecht<br>Tresse en acier inoxydable<br>Stainless steel braid | brauner Kennfaden<br>identifier fil marron<br>brown identify thread |

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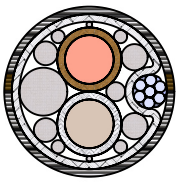

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