

Temperature

NiCr-Ni thermowire T 190-0



Thermowire: NiCr-Ni, class 2*
Insulation : Glass fiber (wires and sheath)
Operating temp.: -25°C to +400°C
Wire diameter: 0.5 mm
External diameter: approx. 1.3 x 2.1 mm

NiCr-Ni thermowire per meter
with glass fiber covering **Order no. LT01900**
NiCr-Ni thermowire sensor, welded tip, with
ALMEMO® connector 1.5m long **Order no. FTA3900**
ALMEMO® connector 5m long **Order no. FTA3900L05**

NiCr-Ni thermowire T 190-1



Thermowire: NiCr-Ni, Class 2*
Insulation : Glass fiber (wires and sheath)
Operating temp.: -25°C to +400°C
Wire diameter: 0.2 mm
External diameter: approx. 0.6 x 1.0 mm

NiCr-Ni thermowire per meter
with glass fiber covering **Order no. LT01901**
NiCr-Ni thermowire sensor, welded tip, with
ALMEMO® connector 1.5 m long **Order no. FTA3901**
ALMEMO® connector 5m long **Order no. FTA3901L05**

NiCr-Ni thermowire T 190-2



Thermowire: NiCr-Ni, Class 2*
Insulation : PVC (wires and sheath)
Operating temp.: -10°C to +105°C
Wire diameter: 0.5 mm
External diameter: approx. 2.2 x 3.4 mm

NiCr-Ni thermowire per meter
with PVC insulation **Order no. LT01902**
NiCr-Ni thermowire sensor, welded tip, with
ALMEMO® connector 1.5 m long **Order no. FTA3902**
ALMEMO® connector 5 m long **Order no. FTA3902L05**

NiCr-Ni thermowire T 190-3



Thermowire: NiCr-Ni, Class 2*
Insulation : Silicone (wires and sheath)
Operating temp.: -45°C to +200°C
Wire diameter: 0.5 mm
External diameter: approx. 4 mm

NiCr-Ni thermowire per meter
with silicone insulation **Order no. LT01903**
NiCr-Ni thermowire sensor, welded tip, with
ALMEMO® connector 1.5 m long **Order no. FTA3903**
ALMEMO® connector 5 m long **Order no. FTA3903L05**

* For general technical data, see page 07.03

DAkkS or factory calibration KT90xx temperature for sensor or measuring chain (sensor + device) (see chapter Calibration certificates)
DAkkS calibration meets all the requirements regarding test resources laid down in DIN EN ISO/IEC 17025.

NiCr-Ni thermowire T 190-10



Thermowire: NiCr-Ni, class 2*
 Insulation : FEP (Wires and sheath)
 Operating temp.: -200°C to +205°C
 Wire diameter: 0.5 mm
 External diameter: approx. 1.5 x 2.5 mm

NiCr-Ni thermowire per meter
 with FEP insulation **Order no. LT019010**
 NiCr-Ni thermowire sensor, welded tip, with
 ALMEMO® connector 1.5m long **Order no. FTA39010**
 ALMEMO® connector 5m long **Order no. FTA39010L05**

NiCr-Ni thermowire T 190-11



Thermowire: NiCr-Ni, class 2*
 Insulation : FEP (Wires and sheath)
 Wire diameter: 0.2 mm
 External diameter: approx. 1.3 x 2.0 mm

NiCr-Ni thermowire per meter
 with FEP insulation **Order no. LT019011**
 NiCr-Ni thermowire sensor, welded tip, with
 ALMEMO® connector 1.5m long **Order no. FTA39011**
 ALMEMO® connector 5m long **Order no. FTA39011L05**

NiCr-Ni thermowire T 190-7



Thermowire: NiCr-Ni, Class 2*
 Insulation : Ceramic fiber (Wires and sheath)
 Operating temp.: -40°C to +1200°C
 Wire diameter: 0.8 mm
 External diameter: approx. 3 x 4 mm

NiCr-Ni thermowire per meter
 with ceramic fiber insulation **Order no. LT01907**
 NiCr-Ni thermowire sensor, welded tip, with
 ALMEMO® connector 1.5m long **Order no. FTA3907**
 ALMEMO® connector 5m long **Order no. FTA3907L05**

Nur für trockene, nicht aggressive Umgebung!

NiCr-Ni compensation line T 191-1



compensation line: NiCr-Ni
 Insulation : PVC (Wires and sheath)
 Operating temp.: -10°C to +105°C
 Wire diameter: 0.5 mm
 External diameter: approx. 3.6 mm

NiCr-Ni bunched conductor with PVC insulation,
 for each meter **Order no. LT01911**

Other types are available on request.

LT01912 Insulation Silicone/silicone/glass filament, up to 200°C
 LT01913 Insulation PVC / screening film / PVC, up to 105°C

NiCr-Ni thermal line (Litze) T 191-6



Thermal line (stranded wire)**: NiCr-Ni*
 Insulation: Wires : FEP, sheath : silicone
 Operating temp.: -50...+200°C
 Wire diameter: 0.7 mm
 External diameter: approx. 3.8 mm

NiCr-Ni thermal line (stranded wire) with FEP / silicone
 insulation, per meter **Order no. LT01916**

* For general technical data, see page 07.03.

** There is no adverse temperature effect at the juncture from measuring element to cable. see page 07.03

DAkKS or factory calibration KT90xx temperature for sensor or measuring chain (sensor + device) (see chapter Calibration certificates)
 DAkKS calibration meets all the requirements regarding test resources laid down in DIN EN ISO/IEC 17025.