

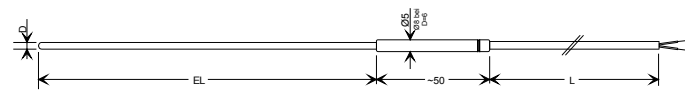
STANDARD - JACKET THERMO ELEMENTS TYPE K (NICR-NI)



MECHANICALLY ROBUST

HIGHLIGHTS:

- Can be subjected to high temperatures and pressures
- Resistant to aggressive atmospheres
- Minimum dimensions, therefore short response times
- Flexible (the smaller the diameter the smaller the bending radii)
- Potential-free (thermoelement wires have no connection to the outer jacket)
- Optimum accuracy acc. to DIN IEC584 class 1



$L = 1\text{ m}$, for other cable length or other accessories p.r.t. accessories

GTF101-5-xx-xxxx

Jacket thermo elements type K (NiCr-Ni) complete with cable sleeve and 1 m silicone cable (compensation line), loose wire ends

Specifications:

Jacket material:	Inconel 600, flexible (standard)
Insulation:	highly compressed pure MgO
Thermo wires:	NiCr-Ni, DIN IEC 584, welding insulated (volt-free)
Accuracy:	optimum accuracy (cl. 1) = $\pm 1.5\text{ }^{\circ}\text{C}$ or $\pm 0.4\%$ of measuring value (Almost double accuracy as compared to class 2. As a comparison with class 2: $\pm 2.5\text{ }^{\circ}\text{C}$ or $\pm 0.75\%$ of meas. value)
Connecting cable:	silicone compensation line, 1 m long (max. $200\text{ }^{\circ}\text{C}$), loose ends
Temperature application range:	$-220 \dots +1150\text{ }^{\circ}\text{C}$ (Probe tip and front part; wire outlet: max. $200\text{ }^{\circ}\text{C}$, for cable p.r.t. accessories) (Accuracy class 1 applicable from $-40 \dots +1000\text{ }^{\circ}\text{C}$)

Recommended upper temperature limit for continuous use:

\varnothing	0.5	1.0	1.5
$^{\circ}\text{C}$	700	700	920

Accessories and spare parts:

Clamping screw connection
 \varnothing 1.5, 3.0 or 6.0 mm, see accessories

NST1200 „K“

Prefabricated flat connector
 Please specify when ordering

Special sizes and other connection cables see industry temperature probe type GTF 101 K

All thermo elements accuracy class 1 (Almost double accuracy than class 2!)

Type:	\varnothing mm	EL mm
GTF101-5-05-0150 Art. no. 607596	0.5	150
GTF101-5-05-0250 Art. no. 607597		250
GTF101-5-05-0500 Art. no. 607598		500
GTF101-5-05-1000 Art. no. 607599		1000
GTF101-5-05-1500 Art. no. 607600		1500
GTF101-5-10-0150 Art. no. 607601	1.0	150
GTF101-5-10-0250 Art. no. 607602		250
GTF101-5-10-0500 Art. no. 607603		500
GTF101-5-10-1000 Art. no. 607604		1000
GTF101-5-10-1500 Art. no. 607605		1500
GTF101-5-15-0150 Art. no. 607606	1.5	150
GTF101-5-15-0250 Art. no. 607607		250
GTF101-5-15-0500 Art. no. 607608		500
GTF101-5-15-1000 Art. no. 607609		1000
GTF101-5-15-1500 Art. no. 607610		1500
GTF101-5-30-0150 Art. no. 607611	3.0	150
GTF101-5-30-0250 Art. no. 607612		250
GTF101-5-30-0500 Art. no. 607613		500
GTF101-5-30-1000 Art. no. 607614		1000
GTF101-5-30-1500 Art. no. 607615		1500
GTF101-5-60-0150 Art. no. 607616	6.0	150
GTF101-5-60-0250 Art. no. 607617		250
GTF101-5-60-0500 Art. no. 607618		500
GTF101-5-60-1000 Art. no. 607619		1000
GTF101-5-60-1500 Art. no. 607620		1500