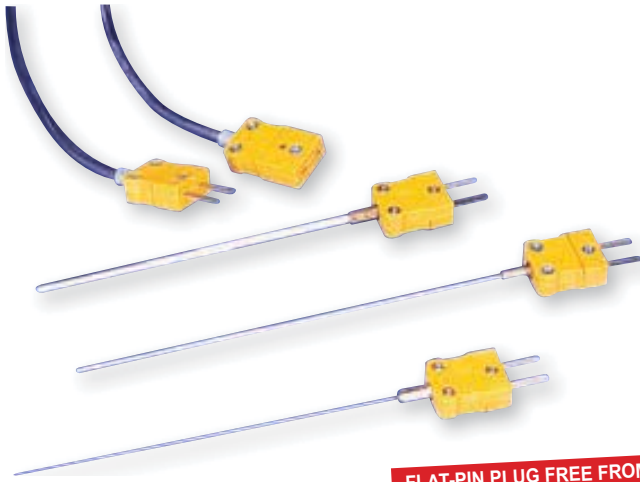


Standard - jacket thermo elements Type K (NiCr-Ni)



FLAT-PIN PLUG FREE FROM THERMAL E.M.V.



**GTT-xx-xxxx**

Jacket thermo elements type K (NiCr-Ni) complete with miniature flat-pin plug NST1200 (free from thermal e.m.f.)

**Specifications:**

<b>Jacket material:</b>	Inconel 600, flexible - other materials upon request
<b>Insulation:</b>	highly compressed pure MgO
<b>Thermo wires:</b>	NiCr-Ni, DIN IEC 584, welding insulated (volt-free)
<b>Accuracy:</b>	optimum accuracy (cl. 1) = $\pm 1.5^\circ\text{C}$ or $\pm 0.4\%$ of measuring value (Almost double accuracy as compared to class 2. As a comparison with class 2: $\pm 2.5^\circ\text{C}$ or $\pm 0.75\%$ of measuring value)
<b>Temperature application range:</b>	-220 ... +1150 °C (Probe tip and front part; wire outlet: max. 200 °C) (Accuracy class 1 applicable from -40 ... +1000 °C)

**Recommended upper temperature limit for continuous use:**

$\varnothing$	0.5	1.0	1.5
°C	700	700	920

**Accessories and spare parts:**

- NKU1200**  
Art. no. 602737  
coupling free from thermal e.m.f.
- NKU12000**  
Art. no. 602738  
U-coupling free from thermal e.m.f.
- VKA-1m**  
Art. no. 602909  
plug-in extension cable

**HIGHLIGHTS:**

- Same material for contacts and thermo elements
- No incorrect temperature values due to different materials
- Polarity cannot be mixed up
- One plug size for  $\varnothing$  from 0.5 ... 6.0 mm
- Any extension possible  
(extension cable VKA-1m or length per customers' requests)
- Sensor elements can be exchanged easily

ALSO IN TYPE N AVAILABLE

Type:	$\varnothing$ mm	EL mm
<b>GTT-05-0150</b> Art. no. 607542	0.5	150
<b>GTT-05-0250</b> Art. no. 607543		250
<b>GTT-05-0500</b> Art. no. 607544		500
<b>GTT-05-1000</b> Art. no. 607545		1000
<b>GTT-05-1500</b> Art. no. 607546		1500
<b>GTT-10-0150</b> Art. no. 607547	1.0	150
<b>GTT-10-0250</b> Art. no. 607548		250
<b>GTT-10-0500</b> Art. no. 607549		500
<b>GTT-10-1000</b> Art. no. 607550		1000
<b>GTT-10-1500</b> Art. no. 607551		1500
<b>GTT-15-0150</b> Art. no. 607552	1.5	150
<b>GTT-15-0250</b> Art. no. 607553		250
<b>GTT-15-0500</b> Art. no. 607554		500
<b>GTT-15-1000</b> Art. no. 607555		1000
<b>GTT-15-1500</b> Art. no. 607556		1500
<b>GTT-30-0150</b> Art. no. 607557	3.0	150
<b>GTT-30-0250</b> Art. no. 607558		250
<b>GTT-30-0500</b> Art. no. 607559		500
<b>GTT-30-1000</b> Art. no. 607560		1000
<b>GTT-30-1500</b> Art. no. 607561		1500
<b>GTT-60-0150</b> Art. no. 607562	6.0	150
<b>GTT-60-0250</b> Art. no. 607563		250
<b>GTT-60-0500</b> Art. no. 607564		500
<b>GTT-60-1000</b> Art. no. 607565		1000
<b>GTT-60-1500</b> Art. no. 607566		1500

Special sizes upon request.

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

Handheld instrument  
Display / Controller  
Logger- / Bus systems  
Transmitter  
Temperature probe  
Simulators  
Alarm / Protection, Level