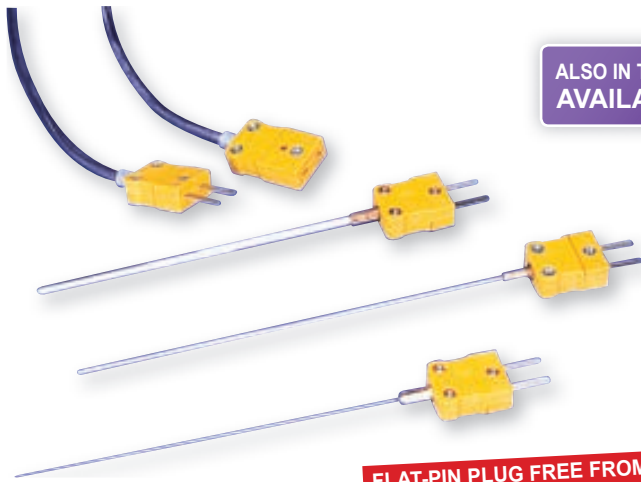


STANDARD - JACKET THERMO ELEMENTS NICR-NI NICR-NI, TYPE K



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



GTT-xx-xxxx

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

Specifications:

Jacket material:	Inconel 600, flexible - other materials upon request
Insulation:	highly compressed pure MgO
Thermo wires:	NiCr-Ni, DIN IEC 584, welding insulated (volt-free)
Accuracy:	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)
Temperature application range:	-220 ... +1150 $^\circ\text{C}$ (Probe tip and front part; wire outlet: max. 200 $^\circ\text{C}$) (Accuracy class 1 applicable from -40 ... +1000 $^\circ\text{C}$)

Recommended upper temperature limit for continuous use:

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

Accessories and spare parts:

NKU1200
Product-ID: 602737
coupling free from thermal e.m.f.

NKU12000
Product-ID: 602738
U-coupling free from thermal e.m.f.

VKA-1m
Product-ID: 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 Ø from 0.5 ... 6.0 mm
- Any extension possible
(extension cable VKA-1m or length per customers' requests)
- Sensor elements can be exchanged easily

Type:	Ø mm	EL mm	
GTT-05-0150 Product-ID: 607542	0.5	150	
GTT-05-0250 Product-ID: 607543		250	
GTT-05-0500 Product-ID: 607544		500	
GTT-05-1000 Product-ID: 607545		1000	
GTT-05-1500 Product-ID: 607546		1500	
GTT-10-0150 Product-ID: 607547	1.0	150	
GTT-10-0250 Product-ID: 607548		250	
GTT-10-0500 Product-ID: 607549		500	
GTT-10-1000 Product-ID: 607550		1000	
GTT-10-1500 Product-ID: 607551		1500	
GTT-15-0150 Product-ID: 607552	1.5	150	
GTT-15-0250 Product-ID: 607553		250	
GTT-15-0500 Product-ID: 607554		500	
GTT-15-1000 Product-ID: 607555		1000	
GTT-15-1500 Product-ID: 607556		1500	
GTT-30-0150 Product-ID: 607557	3.0	150	
GTT-30-0250 Product-ID: 607558		250	
GTT-30-0500 Product-ID: 607559		500	
GTT-30-1000 Product-ID: 607560		1000	
GTT-30-1500 Product-ID: 607561		1500	
GTT-60-0150 Product-ID: 607562	6.0	150	
GTT-60-0250 Product-ID: 607563		250	
GTT-60-0500 Product-ID: 607564		500	
GTT-60-1000 Product-ID: 607565		1000	
GTT-60-1500 Product-ID: 607566		1500	

Special sizes upon request.

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