



At a glance

Applications



Frost protection



Temperature maintenance



Silos, containers, tanks



Pipelines, valves, pumps

- Power plants
- Chemical industry
- Pharmaceutical industry
- Process temperatures to 1000°C

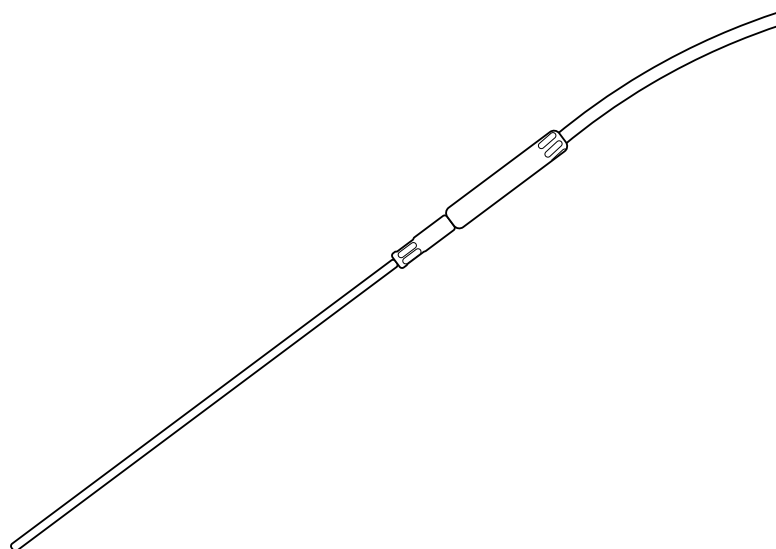
Advantages

- Easy & reliable handling
- Optimally coordinated with eltherm controller program
- High temperature resistance

Approvals

ELTF-Te

Temperature sensor



The eltherm thermocouples types K & J are suitable for various applications and temperatures. All thermocouples are an optimum and perfect addition to eltherm temperature controllers and temperature limiters. Our products have a long service life, even under demanding application conditions.

Technical Specifications Typ J

Type	ELTF-Te.1
Thermocouple	Type J, Fe-CuNi
Dimensions sensor sleeve	3 x 250 mm
Sensor sleeve Material	2.4816
Length of connecting cable	5.0 m
Sheath of connecting cable	Silicone
Colour of connection cable	black
Cross-section of single wires	2 x 0.22 mm ²
Insulation of single wires	Silicone
Colour of single wires	black-white
Operating temperature sensor sleeve	-40 up to +520 °C
Operating temperature connecting cable	-90 up to +200 °C
Protection class	IP 54
Tolerance	DIN IEC 584.1-2 class I



Technical Specifications Typ K

Type	ELFT-Te.4	ELFT-Te.41
Thermocouple	Type K, NiCr-Ni	Type K, NiCr-Ni
Dimensions sensor sleeve	1.5 x 300 mm	1.5 x 400 mm
Sensor sleeve Material	2.4816	2.4816
Length of connecting cable	5.0 m	5.0 m
Sheath of connecting cable	Fluoropolymer	Silicone
Colour of connection cable	green	green
Cross-section of single wires	2 x 0.22 mm ²	2 x 0.22 mm ²
Insulation of single wires	Fluoropolymer	Fluoropolymer
Colour of single wires	green-white	green-white
Operating temperature sensor sleeve	-40 up to +920 °C	0 up to +1.100 °C
Operating temperature connecting cable	-90 up to +200 °C	-50 up to +180 °C
Protection class	IP 54	IP 54
Tolerance	DIN IEC 584.1-2 class I	DIN IEC 584.1-2 class I

Ordering Information

Type	Item-No.
ELTF-Te.1	0660003
ELTF-Te.4	0670021
ELTF-Te.41	0670019