



At a glance

Applications



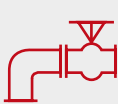
Frost protection



Temperature maintenance



Silos, containers, tanks



Pipelines, valves, pumps

- › Potentially explosive areas
- › Power plants
- › Chemical industry
- › Pharmaceutical industry
- › Process temperatures to 1000°C
- › Building technology

Advantages

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

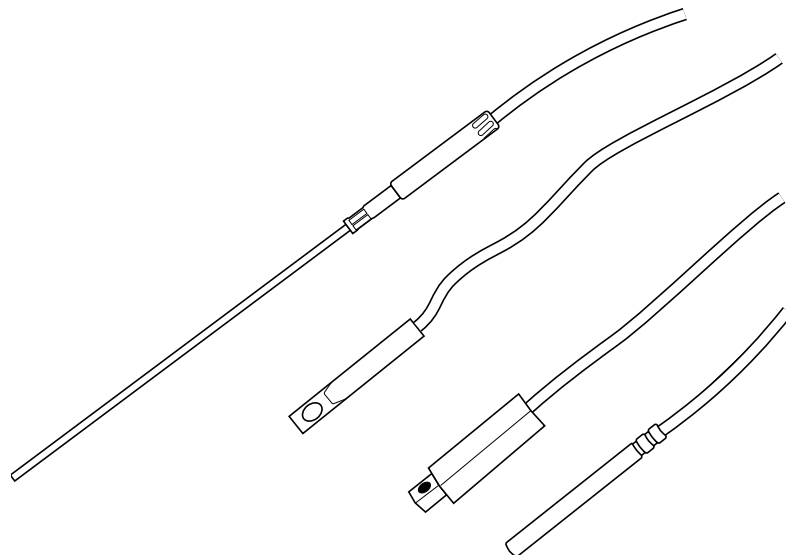
Approvals



- › II 2G Ex e IIC T6...T2
- › II 2D Ex tD A21 IP65 TX
- › EX e IIC T6...T2 Gb
- › Ex tb III C TX Db
- › IExU04ATEX1004X
- › IECEx IBE 14.0069X
- › CML 21UKEX3953X

ELTF-PT & ELTF-Te

Temperature tracer



The eltherm Pt100 temperature tracer and thermocouples types K & J are suitable for various applications and temperatures. All temperature tracers 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. ELTF-PTEx temperature tracers are suitable for use in potentially explosive areas.

Technical Specifications of Thermocouples

Type	Designation
ELTF-Te.1	Thermocouple type J , Fe-CuNi measuring sleeve 3 x 250 mm, mat. 2.4816, Connection cable fluoropolymer-silicone, length = 5 m, DIN IEC 584 1-2 class I, Tmax. 520 °C, IP 54
ELTF-Te.4	Thermocouple type K , Ni-CrNi measuring sleeve 3 x 250 mm, mat. 2.4816, connection cable fluoropolymer, length = 5 m, DIN IEC 584 1-2 class I, Tmax. 920 °C, IP 54
ELTF-Te.41	Thermocouple type K , Ni-CrNi measuring sleeve 1.5 x 400 mm, mat. 2.4816, Connection cable fluoropolymer-silicone, length = 5 m, DIN IEC 584 1-2 class I, Tmax. 1100 °C, IP 54



Technical Specifications of Pt100

Type	Designation
ELTF-PTEx.2	Pt100 4-wire: Measuring sleeve 8 x 12 x 46 mm, mat. 1.4301, connection cable fluoropolymer, length = 3 m, class B, Tmax 235 °C, IP 65
ELTF-PTEx.4	Pt100 2 x 3 wires: Measuring sleeve 8 x 12 x 46 mm, mat. 1.4301, connection cable fluoropolymer, length = 3 m class B, Tmax 235 °C, IP 65
ELTF-PT.1	Pt100 2-wire: Measuring sleeve 5 x 50 mm, mat. 1.4571, connection cable PVC, length = 5 m class B, Tmax 80 °C, IP 65
ELTF-PT.15	Pt100 3-wire: Measuring sleeve 5 x 50 mm, mat. 1.4571, connection cable PTFE, color blue , length = 3 m class B, Tmax 250 °C, IP 67
ELTF-PT.2	Double Pt100 3-wire: Measuring sleeve 5 x 50 mm, mat. 1.4571, connection cable fluoropolymer, length = 3 m class B, Tmax 250 °C, IP 65
ELTF-PT.3	Pt100 2-wire: Measuring sleeve 5 x 50 mm, mat. 1.4571, connection cable fluoropolymer, length = 3 m class B, Tmax 250 °C, IP 65
ELTF-PT.31	Pt100 3-wire: Measuring sleeve 5 x 50 mm, mat. 1.4571, connection cable fluoropolymer, length = 3 m class B, Tmax 250 °C, IP 65
ELTF-PT.33	Pt100 2-wire: Measuring sleeve 6 x 6 x 46 mm, mat. 1.4301, connection cable fluoropolymer, length = 5 m class 1/3 B, Tmax 250 °C, IP 65
ELTF-PT.5	Pt100, 4-wire: Measuring sleeve 4 x 50 mm, mat. 1.4571, connection cable fluoropolymer length = 5 m class 1/3 B, Tmax 250 °C, IP 65
ELTF-PT.61	Pt100 2-wire: Measuring sleeve 3 x 200 mm, mat. 1.4571, connection cable fluoropolymer, length = 5 m class B, Tmax 500 °C, IP 65

Ordering Information

Thermocouple type	Item no.	Temperature tracer Pt100 type	Item no.
ELTF-Te.1	0660003	ELTF-PTEx.2	0X70002
ELTF-Te.4	0670021	ELTF-PTEx.4	0X70030
ELTF-Te.41	0670019	ELTF-PT.1	0650001
		ELTF-PT.15	0650070
		ELTF-PT.2	0650072
		ELTF-PT.3	0650003
		ELTF-PT.31	0650002
		ELTF-PT.33	0650000
		ELTF-PT.5	0650022
		ELTF-PT.61	0650040