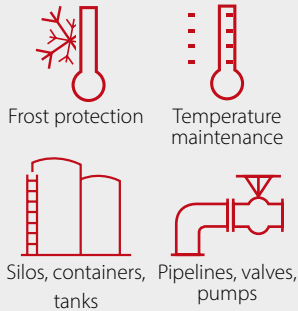


At a glance

Applications



- › Power plants
- › Chemical industry
- › Pharmaceutical industry
- › Process temperatures to 500°C
- › Building technology

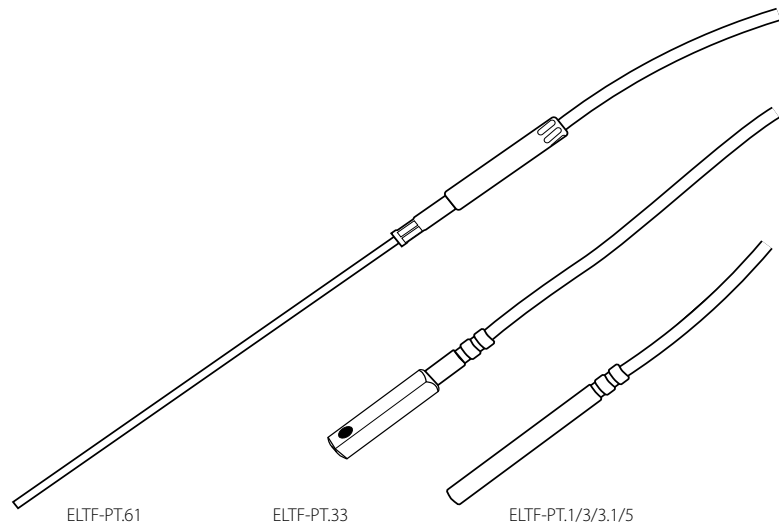
Advantages

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

Approvals

ELTF-PT

Temperature sensor



The eltherm Pt100 temperature tracer 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.

Technical Specifications ELTF-PT.1

Sensor type	Pt100 2-wire
Dimensions sensor sleeve	5 x 50 mm
Sensor sleeve Material	1.4571
Length of connecting cable	5.0 m
Sheath of connecting cable	PVC
Colour of connection cable	black
Cross-section of single wires	2 x 0.25 mm ²
Insulation of single wires	PVC
Colour of single wires	red-white
Operating temperature sensor sleeve	-50 up to +80 °C
Operating temperature connecting cable	-50 up to +80 °C
Protection class	IP 65
Tolerance	DIN IEC 60751 "B"



Technical Specifications ELTF-PT.3

Sensor type	Pt100 2-wire
Dimensions sensor sleeve	5 x 50 mm
Sensor sleeve Material	1.4571
Length of connecting cable	3.0 m
Sheath of connecting cable	Fluoropolymer
Colour of connection cable	white
Cross-section of single wires	2 x 0.35 mm ²
Insulation of single wires	Fluoropolymer
Colour of single wires	red-white
Operating temperature sensor sleeve	-50 up to +260 °C
Operating temperature connecting cable	-50 up to +260 °C
Protection class	IP 65
Tolerance	DIN IEC 60751 "B"

Technical Specifications ELTF-PT.3.1

Sensor type	Pt100 3-wire
Dimensions sensor sleeve	5 x 50 mm
Sensor sleeve Material	1.4571
Length of connecting cable	3.0 m
Sheath of connecting cable	Fluoropolymer
Colour of connection cable	white
Cross-section of single wires	3 x 0.22 mm ²
Insulation of single wires	Fluoropolymer
Colour of single wires	red-red-white
Operating temperature sensor sleeve	-50 up to +250 °C
Operating temperature connecting cable	-50 up to +250 °C
Protection class	IP 65
Tolerance	DIN IEC 60751 "B"



Technical Specifications ELTF-PT.33

Sensor type	Pt100 2-wire
Dimensions sensor sleeve	6 x 6 x 46 mm / Hole 4.1 mm
Sensor sleeve Material	1.4301
Length of connecting cable	5.0 m
Sheath of connecting cable	Fluoropolymer
Colour of connection cable	white
Cross-section of single wires	2 x 0.35 mm ²
Insulation of single wires	Fluoropolymer
Colour of single wires	red-white
Operating temperature sensor sleeve	-50 up to +260 °C
Operating temperature connecting cable	-50 up to +260 °C
Protection class	IP 65
Tolerance	DIN IEC 60751 "1/3B"

Technical Specifications ELTF-PT.5

Sensor type	Pt100 4-wire
Dimensions sensor sleeve	4 x 50 mm
Sensor sleeve Material	1.4571
Length of connecting cable	5.0 m
Sheath of connecting cable	Fluoropolymer
Colour of connection cable	white
Cross-section of single wires	4 x 0.22 mm ²
Insulation of single wires	Fluoropolymer
Colour of single wires	red-red-white-white
Operating temperature sensor sleeve	-50 up to +260 °C
Operating temperature connecting cable	-50 up to +260 °C
Protection class	IP 65
Tolerance	DIN IEC 60751 "1/3B"



Technical Specifications ELTF-PT.61

Sensor type	Pt100 2-wire
Dimensions sensor sleeve	3 x 200 mm
Sensor sleeve Material	1.4571
Length of connecting cable	5.0 m
Sheath of connecting cable	Fluoropolymer
Colour of connection cable	white
Cross-section of single wires	2 x 0.35 mm ²
Insulation of single wires	Fluoropolymer
Colour of single wires	red-white
Operating temperature sensor sleeve	-30 up to +500 °C
Operating temperature protective sleeve	-30 up to +180 °C
Operating temperature connecting cable	-30 up to +250 °C
Schutzart	IP 65
Toleranz	DIN IEC 60751 "B"

Checklist

Junction box

ELAK-5.8	122 x 120 x 90 mm, Polyester, IP66, up to 2 Pt100, 2 - 4 wire	0920015
ELAK-2.80	110 x 75 x 57 mm, Polyester, IP66, 1 Pt100, 2 - 4 wire	092B280
ELAK-4.80	122 x 120 x 90 mm, Polyester, IP66, up to 2 Pt100, 2 - 4 wire	092B480
ELAK-R8	ø 154.5 x 125 mm, up to 2 Pt100, 2 - 4 wire	0920058
ELAK-RS-Pt	ø 154.5 x 125 mm, 1 Pt100, 2 - 4 wire	0920060

Ordering Information

Type	Item-No.
ELTF-PT.1	0650001
ELTF-PT.3	0650003
ELTF-PT.3.1	0650002
ELTF-PT.33	0650000
ELTF-PT.5	0650022
ELTF-PT.61	0650040