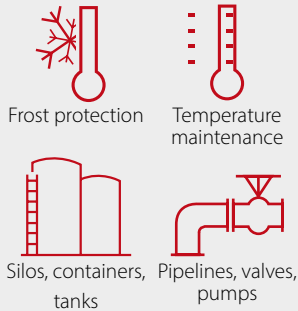


At a glance

Applications



- › Potentially explosive areas
- › Power plants
- › Chemical industry
- › Pharmaceutical industry
- › Building technology

Advantages

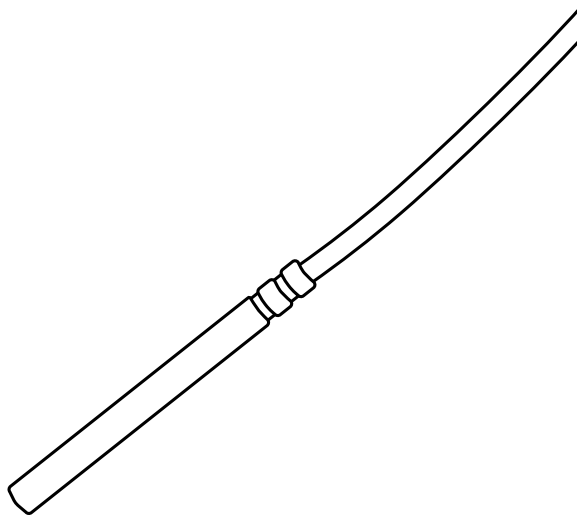
- › Easy & reliable handling
- › Optimally coordinated with eltherm controller program
- › High temperature resistance

Approvals

- › Compliant with requirements of EN 60079-11
- › Suitable for use with control devices with intrinsically safe input for Pt100 as per EN 60079-11

ELTF-PT [ib]

Temperature sensor



The eltherm Pt100 temperature tracers 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.

Checklist

Junction box

ELAK-Ex-4.80i	122 x 120 x 90 mm, Polyester, IP66, up to 2 Pt100, 2 - 4 wire	0X85480IB
ELAK-Ex-R8i	ø 154.5 x 125 mm, up to 2 Pt100, 2 - 4 wire	0X80078IB



Technical Specifications

Type	ELTF-PT.15	ELTF-PT.2
Sensor type	Pt100 3-wire	Double-Pt100 3-wire
Dimensions sensor sleeve	5 x 50 mm	6 x 50 mm
Sensor sleeve Material	1.4404	1.4404
Length of connecting cable	3.0 m	3.0 m
Sheath of connecting cable	PTFE	PFA
Colour of connection cable	blue	white
Cross-section of single wires	3 x 0.22 mm ²	6 x 0.14 mm ²
Insulation of single wires	PTFE	PFA
Colour of single wires	red-red-white	red-red-white, blue-blue-gray
Shield	Copper braid, nickel-plated	Copper braid, nickel-plated
Operating temperature sensor sleeve	-50 up to +260 °C	-50 up to +260 °C
Operating temperature connecting cable	-50 up to +260 °C	-50 up to +260 °C
Protection class	IP 67	IP 65
Tolerance	DIN IEC 60751 "B"	DIN IEC 60751 "B"
Pull-out force	min. 30 N	min. 30 N
Insulation resistance	>20 MOhm	>20 MOhm
Test voltage	500 V DC	500 V DC
Inductance of connection cable	1,0 µH/m	1,0 µH/m
Capacitance of connection cable	0,0002 µF/m	0,0002 µF/m

Ordering Information

Type	Item-No.
ELTF-PT.15	0650070
ELTF-PT.2	0650072