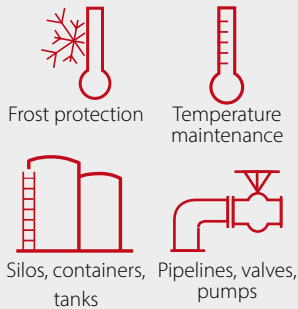


At a glance

Applications



- › Power plants
- › Building services
- › Water and sewage plants
- › Industrial plants

Advantages

- › No static charging
- › Housing: Polyester
- › UV resistant
- › High mechanical resistance
- › Suitable for wall mounting

Suitable connection

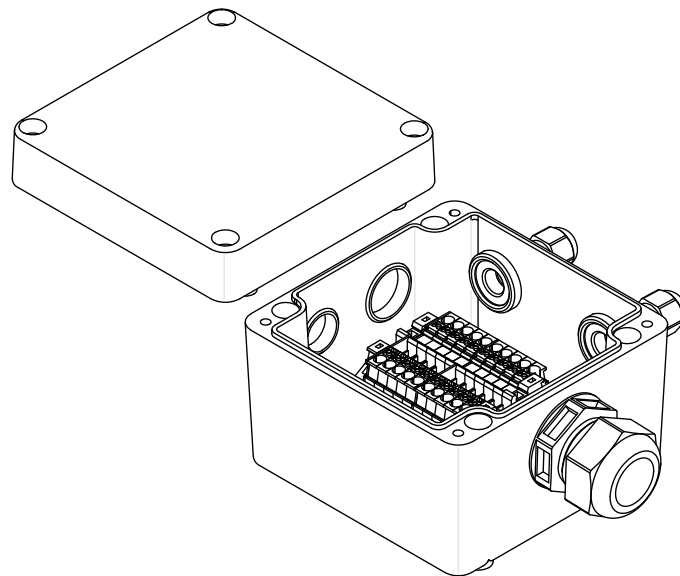
- › suitable for connection of up to 2 x Pt100 4-wire/ double PT100 temperature sensors

Approvals



ELAK-4.80

Junction Box for PT100



The junction box ELAK-4.80 is fast and easy to install thanks to its conventional design and offers easy maintenance. The design allows for various configurations. Suitable for wall mounting and can also be installed on pipes & vessels using a mounting fixture.

Checklist

Mounting fixtures for pipe mounting

EL-VSB 300	Mounting bracket, adjustable 180 to 300 mm, mat. 1.4301	0941085
EL-VSB 400	Mounting bracket, adjustable 280 to 400 mm, mat. 1.4301	0941086
ELMW-9	Mounting bracket, 122 x 120 x 100 mm, Mat. 1.4301	0941009

Assembly accessories for pipelines

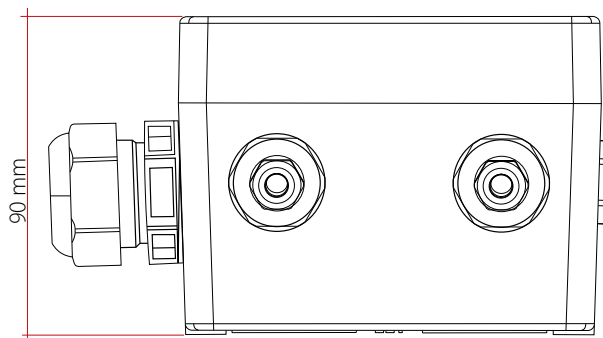
ELB-15.02	Hose clamp 16-25 mm (DN 15, 1/2"), mat. 1.4301	2723001016
ELB-15.04	Hose clamp 25-40 mm (DN 25, 1"), mat. 1.4301	2723001025
ELB-15.06	Hose clamp 40-60 mm (DN 40, 1.5"), mat. 1.4301	2723001040
ELB-15.09	Hose clamp 70-90 mm (DN 65, 2.5"), mat. 1.4301	2723001070
ELB-15.11	Hose clamp 90-110 mm (DN 80, 3"), mat. 1.4301	2723001090
ELB-13V1	Threaded strapping tape, 11 mm, 30 m, mat. 1.4301	2723001010
ELB-13V2	Turnbuckle 1.4301 (pkg. = 10 pieces), mat. 1.4301	0930042

Mounting fixtures for vessel mounting

ELMW-9.01	122 x 120 mm, mat. 1.4301, for vessel mounting	0941052
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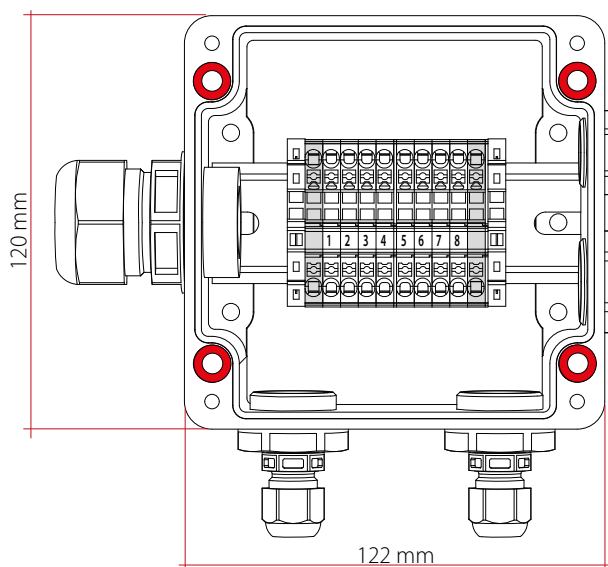
Technical Specifications

Max. Operating voltage	800 V
Max. Nominal current	24 A
Ambient temperature	- 40 °C to +100 °C
Housing material	Fibreglass-reinforced polyester housing antistatic, grey
Protection	IP 66
Dimensions	122 x 120 x 90 mm (WxHxD),  hole pattern 106 x 82 mm, ø 6.5 mm
Connection cross-section (solid or with fine wires without wire end ferrule)	max. 2.5 mm ² (AWG 13)

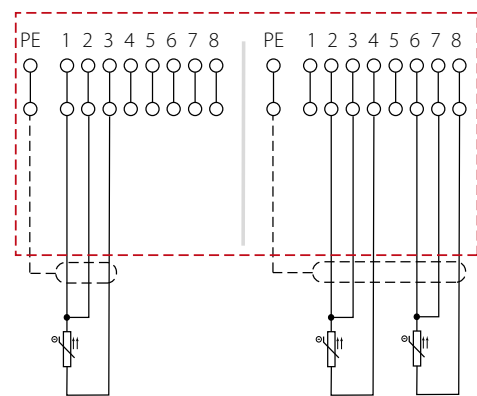


- 1x M25 blind plug*
- 1x M25 blind plug
- 1x M20 blind plug
- 1x cable gland M25 x 1,5
- 2x cable gland M12 x 1,5
- 1x reduction M32 to M25
- 2x reduction M25 to M12
- 2x ground terminal block PT2,5-PE
- 8x feed-through terminal PT2,5

*Enclosed, loose



 Clamp for earthing or electrical protection



Connection of 1 or 2 Pt100

Ordering Information

Type	Suitable connection	Item no.
ELAK-4.80	Junction box for 1 to 2 single PT100 or 1x double PT100	092B480