

IND	MODIFICATIONS	DATE	VISA	CHECK	IND	DATE	VISA	CHECK
A	Original edition	21/03/2016	LR	RL				

Fluid to be heated : Wasser

TS mini (°C) : 5

TS maxi (°C) : 90

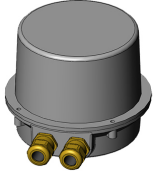
Maximum permitted pressure PS (bar) : 10

Heating power (W) : 12000 Power tolerance range : +5/-10% Voltage (V) : 440 Tri Specific load (W/cm2) : 8,1 Immersed length A (mm) : 585 Non heating length Nh (mm) : 60 Offset B (mm) : Without Weight (kg) : 5,4	Number of pins : 3 Pin diameter (mm) : 16 Pin power (W) : 4000 Pin voltage (V) : 254 Pin material : Stainless steel 321 Treatment : Without treatment Terminal : CS threaded terminals M6 Sealing : WP+	Ø Screw plug : 2"1/2 Thread standard : Cylindrical gas BSPP Material : Brass Width across flats (mm) : 95 Thread length (mm) : 19 Gasket Material: Klingersil Joint pin/plug : Brazed Ø max bundle (mm) : 70	Terminal box : G2 Aluminium - IP66 Dimensions (mm) : X : 135 Y : Ø 150 Power cable gland : ISO 20 Capacity : Ø 6 to 13 mm Safety cable gland : ISO 20 Capacity : Ø 6 to 13 mm
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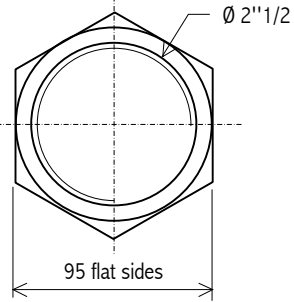
Immersion heaters are designed, manufactured and tested to fulfil the main safety requirements of the PED 2014/68/EU (appendix I).
 Consequently, they can be installed on a pressure vessel subjected to the PED, with the risk of category 1, within the applicable limits PS, max TS and min TS.

Safety device

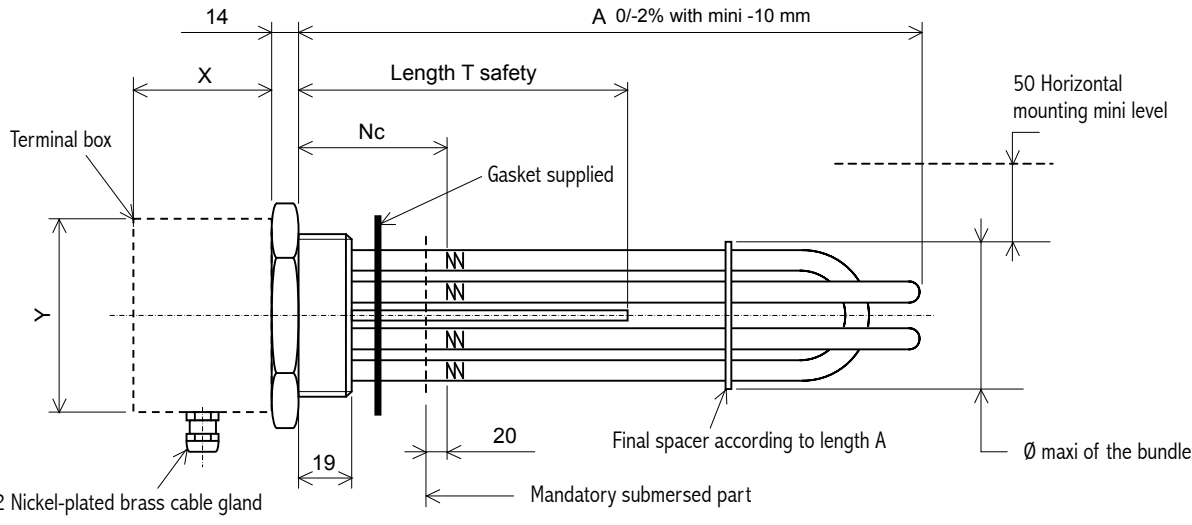
1st : Thermostat 0 to 100 °C - Automatic reset
 2nd : Thermostat 0 to 200 °C - Manual reset
 Mounting : In the fluid
 Length T (mm) : 450
 Nota : Internal ajustable knob
2 Thermostats coupled in series



Terminal box G2



Screw plug



General tolerances 10 to 50 mm : +/-0,2 - >100 mm : +/-1 - Angles : +/-30'	Sheet metal : 0 to 50 mm : +/-0,5 - 50 to 1000 mm : +/-1 - >1000mm : +/-2 Pyrometry : +/- 1% with mini +/-2 mm	Sheated element : +/-5% with mini +/-5 mm Boiler making : +/-1% with mini +/-5 mm
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	Drawn LR on 21/03/2016 Checked LR on 21/03/2016	SCREW PLUG IMMERSION HEATER P (W) : 12000 - U (V) : 440 Tri	Scale /	No TYPE 2300	IND A
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