

TRANBERG® THERMOSTAT

TEF 105827 ETS PT100 Pipe Mounted Controller Thermostat

Zone 1, Zone 2 & Safe Area



R. Stahl Tranberg's thermostats are represented in most of the oil installations in the North Sea, and also petrochemical industries and other industries subjected to rough environments.

R. Stahl Tranberg have designed and manufactured heat tracing equipment, and heating applications for rough environments, for more than 25 years.

Our product range includes therefore a number of different heat tracing junction boxes

Application

- Hazardous areas
- Chemical and petrochemical industries
- Industrial plants (for frost protection or temperature maintenance)
- According to NORSOK requirements

Features and benefits

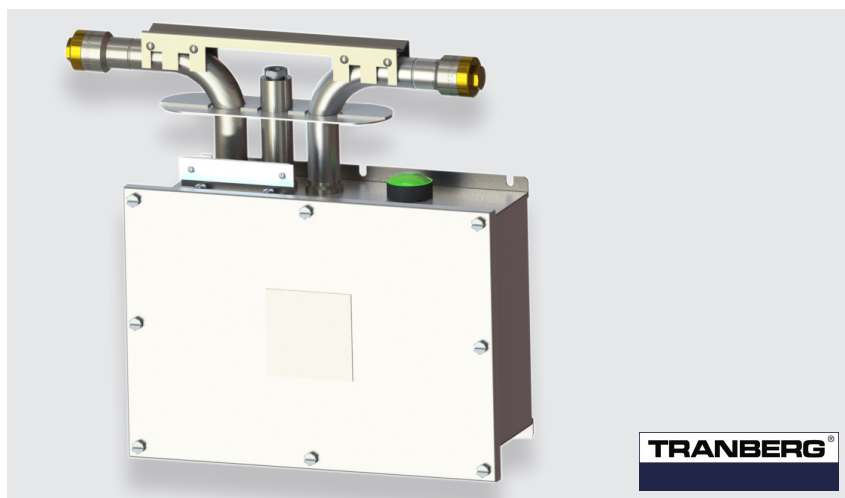
- High ingress protection. IP66/67 is standard.
- IP 67 without drain plug.
- Manufactured in acid proof stainless steel (AISI 316L)
- Stainless steel type label spot welded to the cover.
- Several earthing alternatives.
- Maximum strength and corrosion resistance.
- High operational reliability.
- Low lifetime maintenance cost.
- Recommended for up to 2 heating cables.

Equipped with

- 1x cable gland Type: E204/622 M25/D9.
- 1x drain plug M25.
- 1x label kit, inside JB. (9090 025)
- PT100 Temperature sensor, 1.8 meter cable length

Approvals and certificates

PTB 09ATEX1109 (8150/5)



Technical Data

Type designation:	8150/5
Ex-protection:	Ex II 2 (I) G Ex eb ia mb [ia Ga] IIC T5 Gb
Water Ingress Protection:	IP66 (IP 67 if drain plug is replaced with IP67 stopping plug)
Material:	AISI 316L / EN 1.4404
Finish:	Bright polished dip
El. Contact:	1xNO
Switching differential (Hysteresis):	≈ 3°C
Max. switching capacity:	16A Resistive load
Max. wire termination (with end sleeve):	Power in: Max. 6mm ² Heating cable (power out): Max. 4mm ² Earth terminals: Max. 10mm ²
Tamb (Operation):	-40 to +40°C

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THE STRONGEST LINK.

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Description	EL. No	Part No.
Temperature setting 0°C to +199°C		10582713

Description Accessories	Weight	Part No.
Connection kit Wall Mounting for Raychem Cables: 3BTv-5BTv-10QTVR-15QTVR-XTV-VPL-HTV 5x11 - w/Termination kit C25-21 - HOT	0,37 kg.	9179224
Connection kit Wall Mounting for Raychem Cables: 8BTv-10BTv-20QTVR-KTV 5x15 - w/Termination kit C25-21 - HOT		9179204
Connection kit Wall Mounting for Raychem Cables: 3BTv-5BTv-10QTVR-15QTVR-XTV-VPL-HTV 5x11 - w/Termination kit - C25-100 - COLD		9179226
Connection kit Wall Mounting for Raychem Cables: 8BTv-10BTv-20QTVR-KTV 5x15 - w/Termination kit C25-100 - COLD		9179206
Flexible hose AISI 316 for mechanical protection, Length 2 meters	0,5 kg.	7000080
Flexible hose AISI 316 for mechanical protection, Length 25 meters	6,2 kg.	7000081
Adaptor/Swivel (M28x1) for Flexible hose		50791123
Cable Gland Exe: E204/622 M25/D9/9mm (Ø13,0-17,0mm), w/ lock nut	0,1 kg.	6222532
Cable Gland Exe: E204/622 M25/D1/9mm (Ø15,0-20,1mm), w/ lock nut	0,1 kg.	6222512



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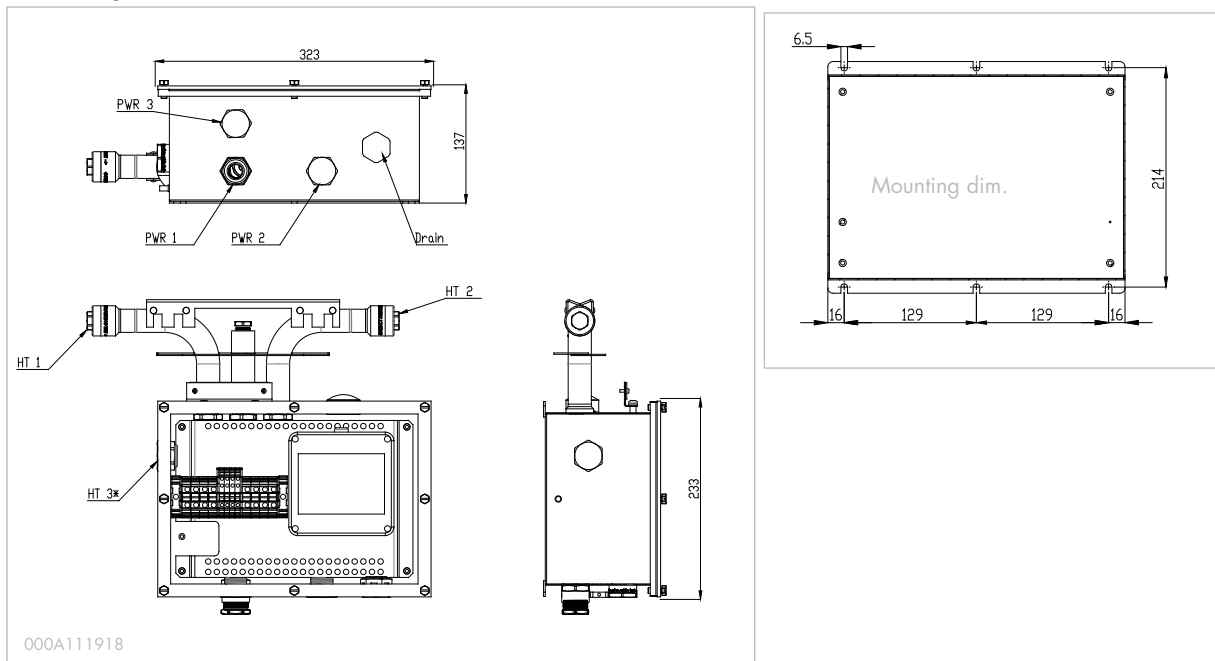
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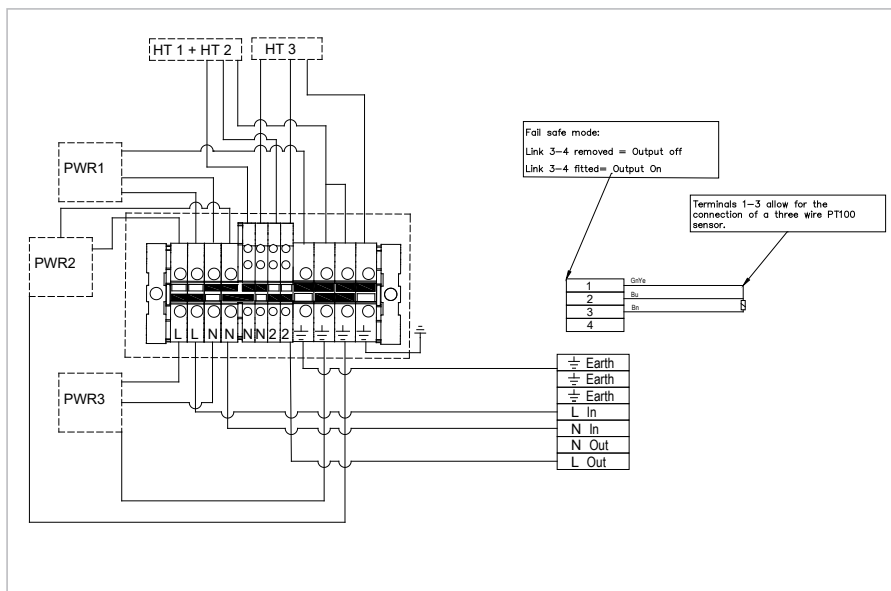
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Dimensions & wirings

GA Drawing:



Wiring diagram:



* Note

For vertical installation
re-locate drain plug to the
lowest side.