

SAFETY THERMOSTATS TS SERIES

Zones 1, 2, 21, 22

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ATEX INSTRUMENTATION

ZONES 1, 2 (gas) & 21, 22 (dust)

Thermostat with liquid expansion probe with manual reset and positive safety for capillary breakup, especially suitable for boilers, heating systems and in all applications where it is necessary not to exceed the maximum temperature set in hazardous areas.



- Its design allows the rapid replacement of the control unit without having to empty the process fluids containers.
- External sheath in AISI 316L Stainless Steel.
- Plate and external screws in Stainless Steel.



EU-Type Examination Certificate

The temperature probe is protected by an internal explosionproof sheath as well as by an external watertight sheath which induces a greater thermal inertia of the thermostat that raises the temperature reading of the controlled fluid. It's advisable to carry out tests on the adjustments to minimize this effect.

ITEM REFERENCES

Designation:	Control Temperature (°C):	Max Bulb Temperature (°C):	Differential ΔT (°C):	Item No.:
TS 100	100°C (+0°C, -6°C)	125°C	15°C ±8°C	9C0301

TECHNICAL SPECIFICATIONS

Marking:	II 2G Ex d IIB+H2 T6-T5 Gb II 2D Ex tb IIIC T85°C-T100°C Db	Electrical contact capacity NC16(6) / A 250 VAC
Certificate:	EU-Type Examination Certificate	
Housing:	Aluminum light alloy. External epoxy RAL 7000	
Operating temperature:	-20°C to +40°C (T6/T85°C) -20°C to +60°C (T5/T100°C)	
Operating conditions:	Indoor / Outdoor	
Ingress protection:	IP65	
Cable entries:	1x3/4" NPT (cable gland not included)	

