

AMBIENT TEMPERATURE THERMOSTATS TA SERIES

Zones 1, 2, 21, 22

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ATEX INSTRUMENTATION

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

Thermostat with liquid expansion probe suitable for the automatic control of ambient temperature in hazardous areas. Available either with external or internal temperature adjustment (type TA or type TAI respectively).



- The internal adjustment helps to prevent unauthorized manipulations.
- Bracket in tropicalized galvanized steel, sheath in tropicalized zinc plated brass.
- Plate and external screws in Stainless Steel.



EU-Type Examination Certificate

Temperature adjustment on TAI is allowed at open case only. This operation shall not be made with the thermostat powered and, in any case, far from hazardous atmosphere.

ITEM REFERENCES

Designation:	T. Control Range (°C):	Max Bulb T. (°C):	Differential ΔT (°C):	A (mm):	ØB (mm):	Item No.:
TA 40 N (ext)	0°C to 40°C ±2°C	50°C	3°C ±1°C	112	13	9C0101
TA 40 LN	0°C to 40°C ±2°C	50°C	3°C ±1°C	242	13	9C0102
TAI 40 N (int)	0°C to 40°C ±2°C	50°C	3°C ±1°C	112	13	9C0103
TAI 40 LN	0°C to 40°C ±2°C	50°C	3°C ±1°C	242	13	9C0104
TA 90 N (ext)	0°C to 90°C ±3°C	120°C	4°C ±1°C	112	10	9C0105
TA 90 LN	0°C to 90°C ±3°C	120°C	4°C ±1°C	242	10	9C0106
TAI 90 N (int)	0°C to 90°C ±3°C	120°C	4°C ±1°C	112	10	9C0107
TAI 90 LN	0°C to 90°C ±3°C	120°C	4°C ±1°C	242	10	9C0108
TA 120 N (ext)	0°C to 120°C ±3°C	150°C	4°C ±1°C	112	10	9C0109
TA 120 LN	0°C to 120°C ±3°C	150°C	4°C ±1°C	242	10	9C0110
TAI 120 N (int)	0°C to 120°C ±3°C	150°C	4°C ±1°C	112	10	9C0111
TAI 120 LN	0°C to 120°C ±3°C	150°C	4°C ±1°C	242	10	9C0112

TECHNICAL SPECIFICATIONS

Marking:	II 2G Ex d IIB+H2 T6-T5 Gb II 2D Ex tb IIIC T85°C-T100°C Db
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)
Electrical contact capacity NC16(6) / A 250 VAC	

