

TAM813

Body

TAM

Capillary tube thermostats with 1.5 m capillary tube

The sensor cartridge at the end of the capillary tube is the actual active (temperature-sensitive) part of the sensor. Changes in temperature on the capillary tube have no effect on the

switching point. Pressure-tight installation of the sensor in pressure vessels of all kinds is possible with the aid of an immersion well.

SIL 2 according IEC 61508-2



Technical data

Max. ambient

temperature at switching device **Capillary tube**

Sensor cartridge

Contact

arrangement

Switching

capacity

Degree of

protection

Mounting

Calibration

Plug connection

Switching

Switching

differential

temperature

Diecast aluminium GD Al Si 12 according to DIN 1725. Mounting position Any, preferably vertical

+70°C

Cu capillary tube, 1.5 m long Other capillary tube

lengths are not possible

8 mm Ø, 100 mm long, material: Cu

changeover switch

8 (5) A 250 VAC

IP 54 according to

DIN EN60529 (with

vertical installation)

Temperature sensor with or without immersion

Scale value corresponds

to the lower switching point (with falling temperature), the upper switching point is higher by the amount of the

switching differential Via angled plug to DIN

Adjustable via the setting

spindle with a screw-

Not adjustable

EN175301

driver

tube in containers, air ducts etc. Switching device with 2 screws (Ø 4) directly on a flat wall surface

Single pole

Product Summary

Туре	Setting range	Switching differential (mean values)	Max. permissible temperature at sensor	
TAM022	-20 to + 20 °C	1.5 K	110 °C	
TAM150	+10 to + 50 °C	1.5 K	110 °C	
TAM490	+40 to + 90 °C	2.0 K	125 °C	
TAM813	+80 to +130 °C	2.0 K	150 °C	

(Ex)-TAM see page 119

+ Accessories

Immersion tube type ... R 1, R 2, R 3, RN 1, RN 2, see page 157.

Dimensioned drawing (mm)



