

Type Approval Certificate

This is to certify that the undernoted product(s) has/have been tested with satisfactory results in accordance with the relevant requirements of the Lloyd's Register Type Approval System.

Manufacturer	Trafag AG
Address	Industriestrasse 11, Bubikon, 8608, Switzerland
Place of Production	Trafag spol. s r.o. Vilemovska 2129, Tachov, 347 01, Czech Republic
Type	Switches - Temperature
Description	Temperature switch 474.03.xx.yyy.zz.vvvv.www.t xx = range (20, 23, 31) yyy = sensor type (322) zz = execution (00 – max. 3000 mm) (14 – max. 150 mm) vvvv = protection tube (8316, 1416) www = length protection tube (0150, 0065, 0110) tt = accessories (58, V3)
Trade Name	PICOTHERM
Application	Marine applications for use in environmental categories ENV1, ENV2 and ENV4 as defined in Lloyd's Register's Type Approval System, Test Specification Number 1 – 2002.

71 Fenchurch Street, London, EC3M 4BS,
United Kingdom

Thorsten Wolff

Senior Specialist to Lloyd's Register EMEA
A member of the Lloyd's Register group

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Specified Standard	Manufacturer's specification
Ratings	Operating temperature range (medium) °C: 5 to 95, 20 to 110, 20 to 150 Electrical data: 250 VAC, 3 (1) A 24, 110, 220, 250 VDC, 2, 0.5, 0.25, 0.1 A
Additional Tests	Dry heat (70°C / 2hrs) Low temperature(-25°C / 2 hrs)

This certificate is not valid for equipment, the design, ratings or operating parameters of which have been varied from the specimen tested. The manufacturer should notify Lloyd's Register EMEA of any modification or changes to the equipment in order to obtain a valid Certificate.

The Design Appraisal Document No. HTS/ETS 39870-20/TW and its supplementary Type Approval Terms and Conditions form part of this Certificate.

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