



**TYPE APPROVAL CERTIFICATE
N. ELE195213CS/008**

This is to certify that the product below is found to be in compliance with the applicable requirements of the RINA type approval system.

<i>Description</i>	Temperature switches
<i>Type</i>	Picotherm ISP / ISPT : 474
<i>Applicant</i>	Trafag AG Industriestrasse 11 CH-8608 Bubikon Switzerland
<i>Manufacturer</i>	Trafag, spol. s r.o. Vilémovská 2129 CZ-347 01 Tachov Czech Republic
<i>Testing Standards</i>	Rules for the Classification of Ships - Part C - Machinery, Systems and Fire protection - Ch.3, Sect.6, Tab.1

Issued in **Genova** on **July 01, 2013**

This certificate is valid until **July 01, 2018**

RINA

Valerio Bonanni

Genova, July 01, 2013

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Main features:

Temperature switches: **PICOTHERM ISP/ISPT 474**
Sensor housing: copper
Protection tube: brass nickel plated
Accuracy: $\pm 4\%$ FS
Repeatability: $\pm 1\%$ FS
Switching differential: not adjustable
Housing : AlMgSi1 anodized
Protection: IP65
Capillary tube length: 3000 mm only with flexible metal tube

Switching differential			
Range (°C)	+5... +95	+20... +110	+20... +150
Sensor max (°C)	100	115	165
Microswitch type 03	4,0	4,0	6,0
	7,5	8	14
Sensor diameter	7mm	9mm	12mm

Technical description

DataSheet: PICOTHERM ISP/ ISPT; doc. n° 1.1.1.14 (01/2006)