



TYPE APPROVAL CERTIFICATE



N. ELE162518CS/002

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 May 21, 2018

This certificate is valid until July 01, 2023

RINA Services S.p.A.

Valerio Bonanni

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Main features:

Temperature switches: **PICOTHERM ISP/ISPT 474**
 Sensor housing: copper
 Protection tube: brass nickel plated
 Scale accuracy: $\pm 4\%$ FS
 Repeatability: $\pm 1\%$ FS
 Output signal: Floating change-over contact
 Switching differential: not adjustable
 Housing : AlMgSi1 anodized
 Degree of Mechanical 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			
Silver contact	4,0	4,0	6,0
Differential not adjustable (°C)			

Technical description

DataSheet: PICOTHERM ISP/ ISPT 474; doc. n° H72113m (06/2016)