



Lloyd's  
Register

# 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.*

This certificate is issued to:

**PRODUCER**

Trafag AG  
Industriestr. 11  
CH-8608 Bubikon  
Switzerland

**DESCRIPTION**

Pressure switch Picostat PST4K and PST4M

**TYPES**

9K4.①②.③.④.⑤  
① = Microswitch: 42, 84  
② = Range: 78, 79, 80, 81, 82, 83, 84, 85, 86 (1...10 to 40...400 bar)  
③ = Sensor: 756 (Range 78, 79),  
757 (Range 80, 81),  
758 (Range 82, 83),  
759 (Range 84, 85, 86)  
④ = Pressure connection: 02, 03, 04  
⑤ = Accessories: 11, 46, 74, V3, 16, 88

**Certificate No.**

14/20007 (E1)

**Issue Date**

19 February 2019

**Expiry Date**

30 January 2024

**Sheet**

1 of 2

  
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Hamburg Technical Support Office  
Lloyd's Register Deutschland GmbH



LR031.1.2016.06

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**TYPES continued**

- 9M4.①②.③.④.⑤
- ① = Microswitch: 42, 84
- ② = Range: 78, 79, 80, 81, 82, 83 (1...10 to 10...100 bar)
- ③ = Sensor: 761 (Range 78, 79),  
762 (Range 80, 81),  
763 (Range 82, 83),
- ④ = Pressure connection: 02, 03, 04
- ⑤ = Accessories: 11, 46, 74, V3, 16, 88

**APPLICATION**

Marine, offshore and industrial applications for use in environmental categories ENV1, ENV2, ENV3 and ENV4 as defined in LR Type Approval System, Test Specification Number 1 – 2013.

**ADDITIONAL TESTS**

Dry heat (85°C/16hrs)  
Low temperature type 9K4 (-25°C/16hrs), type 9M4 (0°C/16hrs)

**DESIGN CODE**

Manufacturer's specification

**PLACE OF PRODUCTION**

Trafag spol. s.r.o.  
Vilemovska 2129  
CZ-34701 Tachov  
Czech Republic

*The Type Approval does not eliminate the need for normal inspection and survey procedures required by the Rules and Regulations.*

*If the specified standards are amended during the validity of this certificate, the product is to be re-approved prior to it being supplied to vessels to which the amended standards apply.*

*The Design Appraisal Document No. HTS/ETS 37874-19 and its supplementary Type Approval Terms and Conditions form part of this Certificate.*

<b>Certificate No.</b>	14/20007 (E1)
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<b>Sheet</b>	2 of 2




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