



## Type Approval Certificate Extension

This is to certify that Certificate No. 04/20003 (E1) for the undernoted products is extended and renumbered as shown.

This certificate is issued to:

<b>PRODUCER</b>	Trafag AG
<b>PLACE OF PRODUCTION</b>	Industriestrasse 11 CH-8608 Bubikon Switzerland
<b>DESCRIPTION</b>	Pressure transmitter
<b>TYPE</b>	8498.①.②.③④.29.⑤ ① = Pressure range: 71, 73, 75, 76, 77, 78, 79, 80, 81, 82, 83, 85, 74 (0...1.0 to 0...250 bar) ② = Sensor: 29, 49 ③ = Pressure connection: 10, 17, 30, 18, 24 ④ = Execution: 04, ⑤ = Accessories: 61, 62, 63, 43, 45, 40, 58
<b>APPLICATION</b>	Marine, offshore and industrial applications for use in environmental categories ENV1, ENV2, ENV3 and ENV4 as defined in Lloyd's Register's Type Approval System, Test Specification Number 1 - 2002.
<b>ADDITIONAL TEST</b>	Dry heat (85°C/2hrs) Low temperature (-25°C/2hrs) Enclosure IP65 Vibration test (4g/4...2000 Hz)
<b>DESIGN CODE</b>	Manufacturer's specification
<b>Certificate No.</b>	04/20003 (E2)
<b>Issue Date</b>	22 April 2014
<b>Expiry Date</b>	25 January 2019
<b>Sheet</b>	1 of 2

  
for Thorsten Wolff  
Hamburg Technical Support Office  
Lloyd's Register EMEA

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*"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 attached Design Appraisal Document No. HTS/ETS 29582-14 and its supplementary Type Approval Terms and Conditions form part of this Certificate.*

All other details remain as the previous Certificate No. 04/20003 (E1) to which this extension should be attached.

Certificate No.	04/20003 (E2)
Issue Date	22 April 2014
Expiry Date	25 January 2019
Sheet	2 of 2

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