



Lloyd's  
Register

## Type Approval Certificate Extension

*This is to certify* that Certificate No. 01/20003 (E3) for the undernoted products is extended and renumbered as shown.

This certificate is issued to:

<b>PRODUCER</b>	Trafag AG Industriestrasse 11 CH-8608 Bubikon Switzerland
<b>PLACE OF PRODUCTION</b>	Trafag spol. s.r.o. Vilemovska 2129 CZ-34701 Tachov Czech Republic
<b>DESCRIPTION</b>	Pressure controller with fixed switching differential
<b>TYPES</b>	PICOSTAT  With bronze or stainless steel bellows, Brass or S/S body 9B020 XX YYY With piston, PTFE sealing, S/S body 9K020 XX YYY With Viton membrane, brass or S/S body 9M020 XX YYY

<b>Certificate No.</b>	01/20003 (E4)
<b>Issue Date</b>	07 May 2015
<b>Expiry Date</b>	07 February 2020
<b>Sheet</b>	1 of 3



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**TYPES CONTINUATION**

Pressure Range		SENSOR				
		Sealing element Bronze bellow	Stainless steel bellow	Piston with PTFE sealing	Viton membrane	Viton-membrane
(bar)	(XX)	Housing Material (YYY)	Stainless Steel (YYY)	Stainless Steel (YYY)	Brass (YYY)	Stainless Steel (on request) (YYY)
-0.6 to 3.4	74	750	753			
0 to 4	76					
0 to 6	77					
1 to 10	78	751	754	756	761	764
1 to 16	79					
2 to 25	80	752	755	757	762	765
4 to 40	81					
6 to 60	82			758	763	766
10 to 100	83					
16 to 160	84			759		
25 to 250	85					

**APPLICATION** Marine 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.

**ADDITIONAL TEST** Dry heat (85°C)  
Low temperature (-25°C)  
Enclosure IP65  
Salt Mist

**DESIGN CODE** Manufacturer's specification

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LR031.1.2013.12




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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 31633-15 and its supplementary Type Approval Terms and Conditions form part of this Certificate.*

All other details remain as the previous Certificate No. 01/20003 (E3) to which this extension should be attached.

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