

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:

PRODUCER Trafag AG
Emil-Staub-Strasse 1
CH-8708 Männedorf
Switzerland

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

DESCRIPTION Pressure controller with fixed switching differential

TYPES 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


Pressure Range (bar) (XX)	SENSOR				
	Sealing element Bronze bellow	Stainless steel bellow	Piston with PTFE sealing	Viton membrane	Viton-membrane
	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				

Certificate No. 01/20003 (E3)

Issue Date 04 March 2010

Expiry Date 07 February 2015

Sheet 1 of 2



Thorsten Wolff
Hamburg Plan Approval Centre
Lloyd's Register EMEA

Lloyd's Register EMEA
71 Fenchurch Street, London EC3M 4BS

1 to 10	78	751	754	756	761	764
1 to 16	79					
2 to 25	80	752	755	757	762	765

TYPES CONTINUATION

Pressure Range		SENSOR				
(bar)	(XX)	Sealing element Bronze bellow	Stainless steel bellow	Piston with PTFE sealing	Viton membrane	Viton-membrane
		Housing Material (YYY)	Stainless Steel (YYY)	Stainless Steel (YYY)	Brass (YYY)	Stainless Steel (on request) (YYY)
4 to 40	81			757	762	765
6 to 60	82			758	763	766
10 to 100	83					
16 to 160	84			759		
25 to 250	85					

APPLICATION

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 - 1990.

"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. ETS 22727-10 and its supplementary Type Approval Terms and Conditions form part of this Certificate.

All other details remain as the previous Certificate No. 01/20003 (E2) to which this extension should be attached.

Certificate No. 01/20003 (E3)
 Issue Date 04 March 2010
 Expiry Date 07 February 2015
 Sheet 2 of 2



Thorsten Wolff
 Hamburg Plan Approval Centre
 Lloyd's Register EMEA

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 71 Fenchurch Street, London EC3M 4BS

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Marine Design Appraisal Document

Lloyd's Register EMEA
Hamburg Design Support Centre
Am Sandtorkai 41
20457 Hamburg, Germany
Telephone +49 (0)40 328107 - 0 Fax +49 (0)40 328107 - 480
Email: hamburg-design-support@lr.org

Date
04 March 2010

Quote this reference on all future communications
HPC 0920537/22727-10/TW/MG

**THE LLOYD'S REGISTER'S TYPE APPROVAL SYSTEM, 2002
ISSUED TO: TRAFAG AG
FOR: PRESSURE CONTROLLER WITH FIXED SWITCHING DIFFERENTIAL
TYPE APPROVAL CERTIFICATE NO. 01/20003 (E3)**

The undernoted documents have been reviewed for compliance with the requirements of the Lloyd's Register Type Approval System, 2002 and this Design Appraisal Document forms part of the certificate.

ADDITIONAL APPROVAL DOCUMENTATION

unnumbered
H72202k

Request Form
Data Sheet 9BO/9KO/9MO

20.11.2009
12/2008

Supplementary Type Approval Terms and Conditions

Type Approval certifies that a representative sample of the product(s) referred to herein has/have been found to meet the applicable design criteria for the use specified herein. It does not mean or imply approval for any other use, nor approval of any product(s) designed or manufactured otherwise than in strict conformity with the said representative sample.

Type Approval is based on the understanding that the manufacturer's recommendations and instructions and any relevant requirements of the Rules and Regulations are complied with.

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

FINAL ACCEPTANCE OF ACTUAL ITEM(S) DEPEND(S) ON SATISFACTORY SURVEY AND TESTING

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Lloyd's Register EMEA reserves the right to cancel or withdraw this Type Approval Certificate in accordance with the LR Type Approval System Procedure.



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