



Lloyd's
Register

Type Approval Certificate Extension

This is to certify that Certificate No. 01/20002 (E3) for the undernoted products is extended and renumbered as shown.

This certificate is issued to:

PRODUCER Trafag AG

PLACE OF PRODUCTION Industriestrasse 11
CH-8608 Bubikon
Switzerland

DESCRIPTION Relative pressure transmitter

TYPES NAVITRAG N

<u>Designation</u>	<u>Pressure Range</u> (bar)	<u>Sensor Type</u>
8202.71 YYYY31	0 - 1.0	B24161
8202.73 YYYY31	0 - 1.6	B24161
8202.75 YYYY31	0 - 2.5	B24161
8202.76 YYYY31	0 - 4.0	B24162
8202.77 YYYY31	0 - 6.0	B24162
8202.78 YYYY31	0 - 10	B24163
8202.79 YYYY31	0 - 16	B24163
8202.80 YYYY31	0 - 25	B24164
8202.81 YYYY31	0 - 40	B24164
8202.82 YYYY31	0 - 60	B24165
8202.83 YYYY31	0 - 100	B24165
8202.85 YYYY31	0 - 160	B24166
8202.74 YYYY31	0 - 250	B24166
8202.84 YYYY31	0 - 400	B24167

Relative pressure sensor YYYY = 2210, 2211

Certificate No. 01/20002 (E4)

Issue Date 13 March 2015

Expiry Date 07 February 2020

Sheet 1 of 2

Thorsten Wolff
Hamburg Technical Support Office

Lloyd's Register EMEA

LR031.1.2013.12

Thorsten Wolff
Hamburg Technical Support Office
Lloyd's Register EMEA

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

Lloyd's Register Group Limited, its affiliates and subsidiaries and their respective officers, employees or agents are, individually and collectively, referred to in this clause as the 'Lloyd's Register'. Lloyd's Register assumes no responsibility and shall not be liable to any person for any loss, damage or expense caused by reliance on the information or advice in this document or howsoever provided, unless that person has signed a contract with the relevant Lloyd's Register entity for the provision of this information or advice and in that case any responsibility or liability is exclusively on the terms and conditions set out in that contract.



Lloyd's
Register

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.

DESIGN CODE Manufacturer's specification

"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 31496-15 and its supplementary Type Approval Terms and Conditions form part of this Certificate.

All other details remain as the previous Certificate No. 01/20002 (E3) to which this extension should be attached.

Certificate No. 01/20002 (E4)
Issue Date 13 March 2015
Expiry Date 07 February 2020
Sheet 2 of 2

Thorsten Wolff
Hamburg Technical Support Office
Lloyd's Register EMEA




LR031.1.2013.12

Thorsten Wolff
Hamburg Technical Support Office
Lloyd's Register EMEA

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

Lloyd's Register Group Limited, its affiliates and subsidiaries and their respective officers, employees or agents are, individually and collectively, referred to in this clause as the 'Lloyd's Register'. Lloyd's Register assumes no responsibility and shall not be liable to any person for any loss, damage or expense caused by reliance on the information or advice in this document or howsoever provided, unless that person has signed a contract with the relevant Lloyd's Register entity for the provision of this information or advice and in that case any responsibility or liability is exclusively on the terms and conditions set out in that contract.