

Germanischer Lloyd

TYPE APPROVAL CERTIFICATE

No. 97 970 - 96 HH

This is to certify, that the undernoted product(s) has/have been tested in accordance with the relevant requirements of the GL Type Approval System.

COMPANY Noris Tachometerwerk GmbH & Co.
Muggenhofer Str. 95
D-90429 Nürnberg

PRODUCT DESCRIPTION Norican - Decentralized Data Acquisition and Engine Indication System

TYPE N 2000 - DP10, N 2000 - DP30, N 2000 - UN, N 2000 - ED10/30
N 2000 - COM - G, N 2000 - LF, N 2000 - LF 2

ENVIRONMENTAL CATEGORY C

**TECHNICAL DATA /
RANGE OF APPLICATION** Power supply : 24 V DC
Communication : CAN - BUS
Display : 4 lines, 40 characters each
N 2000 - DP10 standard display unit
N 2000 - DP30 display with 16 digital I/O and RS 232
N 2000 - ED10/ ED30 case for installation of mini-terminal
N 2000 - UN interface with 16 digital I/O (without display)
N 2000 - COM - G RS 232 interface
N 2000 - LF 10 indicator lamps
N 2000 - LF2 2 indicator lamps, 1 buzzer
Degree of protection : front IP 32

TEST STANDARD Regulations for the Performance of Type Tests

DOCUMENTS Manual : Info 460 to 479
Test report : Dr. Rasek no.: 84080 MA; LGA : 476 1052 5
Circuit diagram : SA 520-20 to SA 520-28, SA528-1, SA529-1,
58.445.11, 58.445.12, 58.445.111, SA524-1, SA524-5.

REMARKS None

TYPE APPROVAL SYMBOL

VALID UNTIL : 06.05.2001



PLACE : Hamburg
DATE : 06.05.1996
PAGE 1 OF 1

File No. : I.A.03

Germanischer Lloyd

H. Reinecke
H. Reinecke

U. Breckwoldt
U. Breckwoldt