



Germanischer Lloyd

# Type Approval Certificate

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.

Certificate No. **99 454 - 97 HH**

Company **Rheintacho Messtechnik GmbH  
Waltershofener Straße 1  
79111 Freiburg, GERMANY**

Product Description **Speed Sensor  
F / I(U) Converter**

Type **Speed Sensor SMxx.xxxx.xx  
F / I(U) Converter 5873.xxx**

Environmental Category **C, D, EMC1**

Technical Data /  
Range of Application **Speed Sensor (Magneto-resistive Speed Sensor)**  
power supply: 10 ... 36V DC  
current consumption: 20mA @ 24V DC, 1000Hz  
frequency range: 0 ... 25000Hz  
input: ferromagnetic toothed wheel  
air gap: max. 1.9mm @ 1KHz; module M4  
degree of protection: IP67, IP68 (type SMN4.GK07.T1)  
Environmental category: D

**F / I(U) Converter**  
power supply: 18 ... 32V DC  
rated input frequency: 25 ... 18000Hz  
output: 0 ... 20mA / 4 ... 20 mA / 0 ... 10V DC, max. 30mA  
degree of protection: IP20  
Environmental category: C

Test Standard **Guidelines for the Performance of Type Approvals, Chapter 2, Edition 2003**

Documents **Test reports: RMS no. 2-07/97 dated 25.07.97, Schenck no. 1089 dated 18.01.96,  
no. 1464 and no. 1465 dated 13.05.97  
Technical specifications: Sm29.10.04, FIU-Wandler 587x\_rev\_A/31.01.2008  
Drawings and circuit diagrams according to submitted file**

Remarks **None**

Valid until **2012-09-15**

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File No. I.D.07

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Type Approval Symbol



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