

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. **58 707 - 08 HH**

Company **KROHNE Skarpenord
Stroemtangveien 21
3950 Brevik, NORWAY**

Product Description **Guided Radar Level Meter**

Type **OPTIFLEX 4300 C**

Environmental Category **C, F, EMC1**

Technical Data /
Range of Application **Measuring range: 0..35m
Measuring principle: TDR (Time Domain Reflectometer) 2 GHz
Media: liquids, liquid interface and solids with dielectric constant >1.1
Materials: stainless steel 316L - housing, flange
Gaskets - FPM (Viton), Kalrez 6375
Process connection: flange DN 50/ PN 40
Power supply: 24VDC (loop powered)
Outputs: 2x 4-20mA, HART
Degree of protection: IP 67
Software versions:
M16 application: 1.0.x.y
MSP application: 1.0.x.y
HMI file: R2Cxx**

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

Documents **DNV Technical Report No. 2007-3247 Rev. 01
Data Sheet: OPTIFLEX 4300 C Marine
User Manual OPTIFLEX 1300 C 08/2005 7.02534.22.00
Construction drawings; Circuit diagrams; Software documentation**

Remarks **None**

Valid until **2013-04-17**

Page **1 of 1**

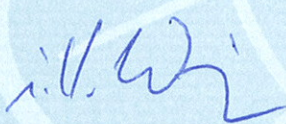
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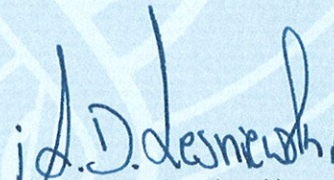
Hamburg, 2008-04-18

Type Approval Symbol



Germanischer Lloyd


Jürgen Wittburg


Dariusz Lesniewski

This certificate is issued on the basis of "Guidelines for the Performance of Type Approvals Part 1, Procedure".