



Type Approval Certificate

Germanischer Lloyd

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

Certificate No. 43 298 - 02 HH

Company KROHNE Messtechnik GmbH & Co. KG
Ludwig-Krohne-Str. 5
D-47058 Duisburg

Product Description Radar Level Gauge

Type BM 70 M(P)

Environmental Category F, EMC1

Technical Data / Range of Application Power supply: 24V AC/DC or 115/230V AC
Output: RS 485 serial interface or PROFIBUS-PA / Foundation Fieldbus or 4 - 20mA current output, HART
Switching output, max. 100mA /30V DC or 30V AC
Measuring range: 0 - 35 m
Accuracy: 2mm (up to 20 m), $\pm 0.01\%$ (>20 m)
Antenna: solid (SA) or horn (V96)
Local LC-Display (two lines illuminated)
Degree of protection: IP 67
Ex-Protection: EEx de [ia] IIC T6...T1 (Zone 0)

Software (Firmware) according to requirement class 3
Firmware version: 4.xx

Test Standard Regulations for the Performance of Type Tests, Part 1 / Edition 2002

Documents Test Reports: No. 2112-VKB-2002-114 & No. P02-00819e of DMT,
No. L0490402-1/-2 of EMC Test NRW, Internal Test Reports of Krohne,
Ex-Certificate: PTB 02 ATEX 1078, Certificates of: HCT, FF, Profibus
Data Sheet: KROHNE 08/2002, Circuit Diagrams & Techn. Drawings, Software Doc.

Remarks None

Valid until 2007-09-10

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Type Approval Symbol



File No. I.A.08

Hamburg, 2002-09-11

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