



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. **17 461 - 01 HH**

Company **KROHNE S.A.
Usine de Ors / BP 98
F-26103 Romans Cedex**

Product Description **Reflex - Radar, gauging and level measurement for liquids, interface and granular materials**

Type **BM 100**

Environmental Category **C**

Technical Data /
Range of Application **Measuring range 1 to 60 m; Accuracy for liquids +/- 5mm out of dead zone
Degree of protection IP67**

**Safety according to Cenelec PTB EEx de [ia] IIC/IIB T6 - T3
or EEx d [ia] IIC/IIB T6 - T3 Zone 0 (Intrinsically safe output option)**

**Power supply: 24, 48, 115, 230, 240 VAC 50/60 Hz
24 VDC**

**Current outputs 1 active current output max 400 Ohms
or 2 passive current outputs max 700 Ohms 4-20 mA for level and / or volume.**

**Communication Krohne Smart in standard version on the first output for remote programming via PC
Fiels bus RS 485 with Krohne protocol (without 4-20 mA output)
Software Version: V2.02 dated 2000.02.24**

Test Standard **Regulations for the Performance of Type Tests
Regulations for the Use of Computers and Computer Systems**

Documents **Test report : Emitech RG-00-91172-AA/JL, RQ-00-60768/1/YL/NG, RQ-00-60768/YL/NG, RQ-00-60600/BLS/NG, RQ-00-60600/1/FD/NG, RQ-00-60600/2/FD/NG
Software Questionnaire according Requirement Class 2, dated 2000-12-12**

Remarks **None**

Valid until **2006-04-01**

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File No. **LA.08**

Hamburg, 2001-08-22

Type Approval Symbol



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