



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. **58 906 - 08 HH**

Company **Gossen Müller & Weigert
ZN der General Elektronik GmbH Magdeburg
Kleinreuther Weg 88
90408 Nürnberg, GERMANY**

Product Description **Analogue display with stepper motor**

Type **SM-72-270°, SM-96-270°, SM-144-270°
SM-72-360°, SM-96-360°, SM-144-360°**

Environmental Category **Protected**

Technical Data / Range of Application **Dimensions:
SM-72-XXX (72x72mm), SM-96-XXX (96x96mm), SM-144-XXX (144x144mm)
Accuracy class: 0,5
Power supply: 18...36 VDC
Input: 0-20 mA, 4-20 mA, ±20 mA, 0-10 V, ±10 V DC
Casing: steel plate, hot-dip galvanized
Front frame: Polycarbonate UL94V-0
Degree of Protection IP 56 (front panel)**

Test Standard **IEC 60945 Fourth Edition (2002)**

Documents **Test reports :
ECL-ENV Test Report No. 08-041; (Section 8.2, 8.3, 8.4, 8.7)
ECL-EMC Test Report No. 08-120; (Section 9.2, 9.3, 10.3-9)
BSH Cert. No. 571 (Section 11.2)**

Remarks **None**

Valid until **2013-07-10**

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Type Approval Symbol



File No. **I.A.03**

Hamburg, 2008-07-10

Germanischer Lloyd

Marco Rinkel
Marco Rinkel

Uwe Supke
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