



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. **90 504 - 88 HH**

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

Product Description **Measuring Instruments**

Type **V-Pqs 48, Pqs 48 w, V-Pq 48-250, V-Aqs 48, Aqs 48 w**

Environmental Category **C, EMC 1**

Technical Data /
Range of Application **Moving coil instrument, type:
V-Pqs 48, ranges: 250 µA to 60 A or 250 mV to 600 V DC or sep. shunt
Pqs 48w, ranges: 250 µA to 60 A or 250 mV to 600 V DC or sep. shunt
V-Pq 48-250, ranges: 250 µA to 4 A or 250 mV to 600 V DC or sep. shunt
AC ranges: 250µA to 4 A or 2,5 V to 600 V or CT or PT
Moving iron instrument, type:
V-Aqs 48, ranges: 100 mA to 40 A or CT, or 6 V to 800 V AC or PT
Aqs 48w, ranges: 100 mA to 40 A or CT, or 6 V to 800 V AC or PT
Class: 1.5
Casing: Polycarbonate UL 94 V0
Degree of protection: IP 52 (front), option: IP 54 (front)**

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

Documents **Test report : E 11/Götz (01/88 to 08/88) dated 07.03.1988
Data sheet: E1/1, E1/3, E1/8, E1/10, E1/13**

Remarks **Due to the size the instruments are only suitable for tendency indication**

Valid until **2013-07-20**

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File No. **I.J.04**

Hamburg, **2008-07-30**

Type Approval Symbol



Germanischer Lloyd

J. Wittburg
Jürgen Wittburg

B. Lilienthal
Burkhard Lilienthal