



# Type Approval Certificate

Germanischer Lloyd

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. **96 755 - 95 HH**

Company **Camille Bauer AG  
Aargauerstrasse 7  
CH-5610 Wohlen**

Product Description **Programmable Universal Transmitter  
without - or with limit switches**

Type **SINEAX V 604 with 1 programmable relay  
SINEAX VC 603 with 3 programmable relays**

Environmental Category **C**

Technical Data /  
Range of Application **Power supply : 24 V to 230 V AC/DC (in two ranges, galvanically isolated)  
Inputs : DC voltage, min.: 2 mV, max.: 40 V  
DC - current, min.: 0,08 mA, max.: 100 mA  
Resistance, min.: 8 Ohm, max.: 5 kOhm  
RTD in 2, 3 or 4 - wire connection  
Thermoelement type : B, E, J, K, L, N, R, S, T, U or WS - W2GRE  
Outputs: current between - 20 mA and 20 mA or - 12 V to 15 V DC  
Relay output : c/o contacts, rating : 2 A, 250 V AC  
Degree of protection : IP 40, terminals IP 20  
Installation in metal cabinets  
Certified safe type [ EEx ia ] II C available  
Program software : V 600 with cable PRKAB 600**

Test Standard **Regulations for the Performance of Type Tests, Edition 1993**

Documents **Manual : V 604, VC 603 and programming instruction  
Test report : GL/9500 - 5, - 12, - 14, - 16, - 18, - 20, E209/94031  
Circuit diagram 985616, 987315, 987612, 987977, 987620  
Technical datas : V 604 - 1, VC 603 - 1, PTB. Cert. Ex - 94.C.4033 X**

Remarks **none**

Valid until **2010-11-17**

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Type Approval Symbol



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

**Hamburg, 2005-11-18**

**Germanischer Lloyd**

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