

# TYPE APPROVAL CERTIFICATE

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

Certificate No.	<b>84 398 - 93 HH</b>
Company	<b>Rüeger S.A.</b> <b>Chemin de Mongevon 9</b> <b>1023 Crissier, SWITZERLAND</b>
Product Description	<b>Temperature Sensor</b>
Type	<b>TGH100RTD, TGH100TC</b> <b>TGV100RTD, TGV100TC</b>
Environmental Category	<b>D</b>
Technical Data / Range of Application	<b>Temperature sensor types: TGH = horizontal mounting version</b> <b>TGV = vertical mounting version</b>  <b>TGH100RTD: Pt 100 class A with local indicator 100 mm Ø; x-y-z, L</b> <b>TGH100TC: Thermocouple type K with local indicator 100 mm Ø; x- y-z, L</b> <b>TGV100RTD: Pt 100 class A with local indicator 100 mm Ø; x-y-z, L</b> <b>TGV100TC: Thermocouple type K with local indicator 100 mm Ø; x-y-z, L</b>  <b>x = connection: S = fixed thread, T = turnable thread, U = cap connection</b> <b>y = sensor diameter: 6, 8, 9 or 13mm</b> <b>z = sensor length: up to 300mm</b> <b>L = indicator with glycerine filling</b>  <b>Range: from - 200°C to 50°C up to 0°C to 600°C</b> <b>Thermo well: TPIE, TPEE or TPIA</b> <b>Material: 1.4571</b> <b>Time constant with / without thermo well: z 0.5 = 4 / 70s, z 0.9 = 12 / 190s</b> <b>Degree of protection: IP 65</b>
Test Standard	<b>Guidelines for the Performance of Type Approvals, Chapter 2- Test Requirements for Electrical / Electronic Equipment and Systems (VI-7-2), Edition 2003</b>
Documents	<b>Test report : FSZ Nr.: 252478 / 25.08.92</b> <b>Technical data: TG 2</b>
Remarks	<b>This certificate is issued on the basis of GL Guidelines for the Performance of Type Approvals, Chapter 1 - Procedure (VI-7-1), Edition 2007.</b>

Valid until **2019-01-21**

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File No. **I.D.02**

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Type Approval Symbol



**DNV GL**

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