

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. 70 027 - 88 HH

Company Rössel Messtechnik GmbH
Spenerstraße 1
01309 Dresden, GERMANY

Product Description Resistance Thermometers, Thermocouples

Type 0901, 0911, 1000, 1014, 1091, 5000, 5130

Environmental Category H, EMC2

Technical Data / Range of Application	Type:	Range [°C]	z 0.5 [s]	z 0.9 [s]	Enclosure
	0901: slot resistance Pt 100	to 150	15	50	IP 00
	0911: slot resistance Pt 100	to 150	15	50	IP 00
	1000: room temperature Pt 100	-50 to 120	45	120	IP 55
	1014: screw in Pt 100	- 50 to 550	65	185	IP 54
	1091: Pt 100 with cable	- 30 to 300	65	185	IP 54
	5000: thermocouple type J, K, L	0 to 600	60	180	IP 54
	5130: thermocouple with cable	0 to 600	60	180	IP 55

Time constant measured with air, 3 m /s

Vibration strain test: 5 Hz to 30 Hz, amplitude = 0.55 mm
30 Hz to 80 Hz, acceleration = 2 g

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

Documents Drawings: according to type no.
Technical data according to type no.

Remarks Suitability regarding tested vibration strain to be evaluated for the respective application.

Valid until 2013-08-27

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Type Approval Symbol



File No. I.D.02

Hamburg, 2008-10-06

Germanischer Lloyd

i.v.W.
Jürgen Wittburg

J.D.
Jens Dietrich