



**TYPE APPROVAL CERTIFICATE
N. ELE284611CS002**

This is to certify that the product below is found to be in compliance with the applicable requirements of the RINA type approval system.

Description	Temperature Sensors
Type	Thermocouple K (Ni-CrNi) E- 231 K1B, E-321 K1X
Applicant	ELSI Srl Via Milano, 11 20020 Lainate (MI) ITALY
Manufacturer	ELSI Srl Via Milano, 11 20020 Lainate (MI) ITALY
Testing Standards	Rules for the classification of ships.- Part C - Machinery, systems and fire protection. - Ch.3, Sect. 6, Table 1.

Issued in **Genova** on **August 29, 2011**. This certificate is valid until **August 28, 2016**

RINA

Valerio Bonanni

Genova, August 29, 2011

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Thermocouple K (Ni-CrNi)
E-231 K1B
E-321 K1X

Reference documents:

Temperature sensors for industrial use series E200
Temperature sensors with (Mg O) insulation series E300

Test Report:

EMIT - LAS Report n° RP 2672 F1A (10/1993)

Genova, August 29, 2011

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RINA S.p.A.
Via Corsica, 12 - 16128 Genova
Tel. +39 010 53851
Fax +39 010 5351000