

CERTIFICATE



- [1] **TYPE EXAMINATION CERTIFICATE**
- [2] Equipment or protective Systems intended for use in potentially explosive atmospheres

Directive 94/9/EC

- [3] Type Examination Certificate number:

ICEPI 05 ATEX 048

- [4] Equipment: **Temperature probes series #00.STD.**

- [5] Manufacturer: **ELSI S.r.l.**

- [6] Address: **Via Milano, 11 – Lainate (MI) - ITALIA**

- [7] This equipment or protective system and any acceptable variation thereto is specified in the schedule of this certificate and the documents therein referred to.

- [8] ICEPI S.r.l., Notified Body number 0066 in accordance with article 9 of the Council Directive 94/9/EC of 23 march 1994, certifies that this equipment or protective system has been found to comply with the Essential Health and Safety Requirements relating to the design and construction of equipment and protective systems intended for use in potentially explosive atmospheres given in Annex II to the Directive.

The examination and test results are recorded in confidential Report n° RP05A1105.

- [9] Compliance with the Essential Health and Safety Requirements has been assured by compliance with:

EN 50014:1997+A1...A2 EN 50020:2002 IEC 61241-0:2004 IEC 61241-11:2005

- [10] If the sign "X" is placed after the certificate number, it indicates that the equipment or protective system is subject to special conditions for safe use specified in the schedule of this certificate.

- [11] This TYPE EXAMINATION CERTIFICATE relates only to the design and construction of the specified equipment or protective system. Further requirements of this directive apply to the manufacture and supply of this equipment or protective system. These are not covered by this certificate.

- [12] The marking of the equipment or protective system shall include the following

 **II 2GD EEx ia IIC T4 Ex iaD 21 T 135°C**

This certificate may only be reproduced in its entirety and without any change, schedule included

Piacenza, 25.11.2005

Translation issued on 28.06.2012

The general Manager
Dott. Ing. Andrea Guido Esposito



[13]

Schedule[14] **TYPE EXAMINATION CERTIFICATE n. ICEPI 05 ATEX 048**[15] **Description of the equipment**

Temperature probes series **#00.STD** are devices used to measure the temperature of a liquid or gaseous fluid, by means of one or more resistive elements (RTD).

The identification code of the probes contains information about type, tolerance and quantity of resistive elements (1+3), and length of the cable (max. 10 m).

Rated characteristics and safety parameters (for each element)

Rated current	:	1 mA
Ui	:	15 V
Ii	:	30 mA
Pi	:	90 mW
Ci	:	600 pF
Li	:	5 μ H
Ambient temperature	:	- 20 + + 50 °C

[16] **Report n. RP05A1105****Descriptive documents**

1) –Technical File n. DTC-#00.STD Rev. 1 (10 pages)

dated 22.11.2005

A copy of the above listed documents is kept in ICEPI's file.

[17] **Special conditions for safe use (X)**

None. Follow the instructions for installation, use and maintenance supplied by the manufacturer.

[18] **Essential health and safety requirements**

Covered by the conformity to the listed standards.

Certification validity conditions.

Validity conditions of ICEPI's certification are indicated at points 4 & 5 of the contract between Client and ICEPI.

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