

# EU/EC DECLARATION OF CONFORMITY

issued according to the law no. 22/1997 Col., as amended

**SENSIT s.r.o**  
**Školní 2610**  
**756 61 Rožnov pod Radhoštěm**  
**IČ 64087484**

hereby declares

that the characteristics of the below-listed products meet the requirements of the basic safety principles and the requirements of the technical documentation and that they are safe for the determined purpose of use under the condition of proper installation, operation and maintenance. All products introduced to the market were subject to measures taken to guarantee their conformity with the technical documentation and with the basic requirements of the technical standards listed below.

**Name of the product:** Temperature sensors provided by cable for environment endangered by explosion

**Type:** Serie TR 011  
Serial no.:

## Description and usage:

These sensors are intended for temperature measurements of gaseous and liquid substances. The sensors work on the principle defined relation between change of the sensing element property and change of temperature. They are not able to create sparks, electric arcs or high surface temperatures. The sensors marked on the type label by the Ex nA II TY code can be used in explosion endangered rooms – the group of devices II, zone 2. By the design of the sensors the requirements of the ČSN EN 60 079-15 ed.2. norm were met. Temperature range of the sensors using in an environment endangered by explosion is determined by the type of applied cable and must not be exceeded even for a short time – see technical parameters of sensors of serie TR 011. They are equipped with various measuring elements for temperature measurements as e.g. Pt 100, Ni 1000, KTY, etc. The sensors meet the IP 67 ingress protection requirements according to ČSN EN 60529 norm and are designed for temperature measurements in tubing. The sensors are designed to be operated in chemically non-aggressive environment.

The product that is subject to this declaration is in accordance with the following norms and standards:

European Parliament and Council Directive 1994/9/EEC from 23.3.1994 relating to devices and protection systems intended for using in environments endangered by explosion that was implemented to legal system of the Czech Republic by the government regulation no. 23/2003 Col. as amended.


ČSN EN 60 079-0:2007, ČSN EN 60 079-15:2006, ČSN EN 60 529, ČSN 33 2000-4-41

The declaration is issued on the base of the following certificates:

ČSN EN 60 079-15:2006 Certificate no. FTZÚ 07 ATEX 0143X, from 20.01.2008,  
issued by the Institute FTZÚ, Ostrava Radvanice

ČSN EN 60 529 Certificate no. 97 E 0175, from 28.11.1997,  
issued by the Institute FTZÚ, Ostrava Radvanice

Rožnov pod Radhoštěm, date: 31.1.2008

  
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RNDr. Jan Janíček  
executive director of the company

The company is registered in the commercial register at a Commercial Court in Ostrava in the rubric C, enclosure 13728.

Tel.: +420 571-625571  
Fax: +420 571-625572  
E-mail: [obchod@sensit.cz](mailto:obchod@sensit.cz)

Bank. connection: KB Rožnov pod Radhoštěm  
Account number: 9536620217/0100  
[www.sensit.cz](http://www.sensit.cz)

IČ: 64087484  
DIČ: CZ64087484