

# 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 a stem and plastic head with the output 4 to 20 mA

**Type:** NS 520K – design with connector

## Description and usage:

The resistance-type sensors are intended for temperature measurements of liquid or gaseous substances. The sensors meet the IP65 ingress protection requirements according to ČSN EN 60529 norm. Standard measurement ranges are -30 to 60 °C, 0 to 35 °C, 0 to 100 °C and 0 to 150 °C whereas the maximum temperature in the surroundings of the head of the sensor is 70 °C and must not be exceeded even for a short time. The sensor combined with the central holder or thermowell, that are delivered as an accessory can be used for temperature measurement in air condition ducts or in tubing. The sensors can be used for all control systems which are compatible with the output signal 4 to 20 mA. By using a sensor with a stem extended by 60 mm, the maximum temperature can be up to 250°C. 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:

Council Directive 89/336/EEC of 3 May 1989 on the approximation of the laws of the Member States relating to electromagnetic compatibility, as amended by Council Directive 91/263/EEC, Council Directive 92/31/EEC and Council Directive 93/68/EEC that were implemented to the legal system of the Czech Republic by the government regulation no. 18/2003 Col.

ČSN EN 61326-1: 1998+Z1:1999+Z2:2002+A3:2005, ČSN EN 61000-4-2:1997+A1:1999+Z1:2001,  
ČSN EN 61000-4-3:2003 ed.2+A1:2003 (level 10 V/m),  
ČSN EN 61000-4-4 ed.2:2005, ČSN EN 61000-4-5:1997+Z1:2001, ČSN EN 61000-4-11:2005,  
ČSN 33 2000-4-41 and ČSN EN 60 529

## Certificates:

NV no. 18/2003 Col. registration no. 740/70/06/BT/IZ/E from 21.4.2006, issued by ITI TÜV s.r.o., District office Ostrava, Teslova 2, Ostrava  
registration no. 741/70/06/BT/IZ/E from 21.4.2006, issued by ITI TÜV s.r.o., District office Ostrava, Teslova 2, Ostrava  
test Certificate no. 6440-171/2006 from 10.4.2006, issued by VOP026 Šternberk, s.p., division VTÚPV Vyškov, V. Nejedlého 691, Vyškov

ČSN EN 60 529 test Certificate no. 97 E 0175, from 28.11.1997, issued by Physical Technical Test Institute, Ostrava Radvanice

Rožnov pod Radhoštěm, date: 4.12.2007

  
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.

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IČ: 64087484  
DIČ: CZ64087484