

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: TFD temperature switches

Type: TFD 24A, TFD 24K, TFD 24C and TFD 24P

Description and usage:

These TFD temperature switches are designed as two-state controllers (ON/OFF type control). They compare the temperature set-point with the measured temperature and make possible to switch the galvanically separated relay contacts when the set temperature value is reached. The required temperature is set up by the producer according to the customer requirements. Power supply of the switches is 24 V DC. The switches meet the IP 65 ingress protection requirements according to ČSN EN 60 529 norm. The switches are designed to be operated in chemically non-aggressive environment. From the point of view the sensing element location and usage of switches the following versions can be distinguished:

TFD 24A – for temperature sensing in the switch ambient

TFD 24K – for use in air condition equipments and in tubings; it is delivered together with plastic mounting clip, as an accessory can be delivered the stainless steel thermowell JS 130.

TFD 24C – for general application; the sensing element is provided by a cable for connection (standardly TG8-40, Ni1000/5000, 1m).

TFD 24P – contact version for fixing on pipelines; it is delivered with a fastening strap and a cover.

The required temperature can be adjusted in the range –25 to 160 °C, whereas the maximum temperature in the surroundings of the head of the TFD 24A switches is 70 °C and for the sensor TFD 24P the maximum temperature is 110°C. For applications above 120 °C the switch of the type TFD 24K is delivered in the version with a stem elongated by 60 mm.

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 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 61326-1:2006+Op1:2007, 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 61000-4-6:1997+Z1:2001, ČSN EN 61000-4-11:2005, ČSN EN 61000-3-2 ed.3:2006
ČSN 33 2000-4-41 and ČSN EN 60 529

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

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Account number: 9536620217/0100

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

NV no. 18/2003 Col. office registration no. 1268/70/07/BT/IZ/E from 2.7.2007, issued by ITI TÜV s.r.o., District Ostrava, Teslova 2, Ostrava
registration no. 1269/70/07/BT/IZ/E from 2.7.2007, issued by ITI TÜV s.r.o., District office Ostrava, Teslova 2, Ostrava
test Certificate no. 6440-333/2007 from 20.6.2007, issued by VOP026 Šternberk, s.p., division VTÚPV Vyškov, V. Nejedlého 691, Vyškov

Rožnov pod Radhoštěm, date: 4.12.2007

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RNDr. Jan Janíček
executive director of the company

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