

ES Certificate of Conformity No. 01871.1617.6.01.04

The Certificate of Conformity is issued by

Corporate name : **CRESSTO s. r. o.**
Office : Hasičská 2643, 756 61 Roznov pod Radhostem
Company number : 46578048
Commercial register : Regional Commercial Court Ostrava, section C, insert 3399

As the producer of the product

Name : Pressure transmitter series TMG - Z/JB
Type : **TMG xxx Z3x/JB, TMDG xxx Z3x/JB, TMAG xxx Z3x/JB, TMVG xxx Z3x/JB** Make :
I M1 Ex ia I Ma, II 1G Ex ia IIB T4 Ga
Serial number : from 1700/12

Description and definition of the product function:

The pressure converter series **TMG -Z/JB** is intended for measuring pressure levels in gas and liquid media. It works as a passive component of measuring and regulation systems where it converts the input pressure signal to the continuous output electric signal with values $0,2 \div 1$ mA or $4 \div 20$ mA. For the use for group I M1, it is connected to the intrinsically safe circuit of the associated apparatus – PNS boxes of the system of remote power supply and transmission MTA 11 (e.g. PNS 02, PNS 03 or PNS 04). The allowed range of the regulated power supply is $12 \div 22$ Vdc. For the use for the group of devices II 1G, the supply ZS-030 (producer JSP Nová Paka) is exclusively used for power supply. Detailed use of transmitters is described in “Instructions for operating, assembly and maintenance” arch. No.206002.02, which is an integral part of the transmitter delivery. The TMG version of the transmitter is intended for measuring relative pressure, TMVG for measuring underpressure, TMDG for measuring differential pressure and TMAG for measuring absolute pressure.

The product is constructed as a device of category I M1 Ex ia I Ma and a device of category II 1 G Ex ia IIB T4 Ga. So it is classified in conformity with the article 1.0.5. of the annex no. 2 NV 23/2003 Coll.

Technical measures

Properties of this product fulfil the technical requirements which are stated in:

Government decree no. 23/ 2003 Coll., which determine technical requirements for devices and protection systems designated for use in environment with the danger of explosion.

The judgement of conformity was made according to § 3, par. 1 and this Government decree, securing production quality is made according to annex no. 4 to this Government decree.

ES verification of the type was made and supervision of the quality system of the producer is provided by AO 210 – FTZÚ, Pikartská 7, 716 07 Ostrava-Radvanice, identification number ES – 1026.

Fulfilment of the basic requirements for health and safety protection is secured by verification of conformity with:

ČSN EN 60079 – 0 : 2013

ČSN EN 60079 – 11: 2012

ČSN EN 50303 : 2001

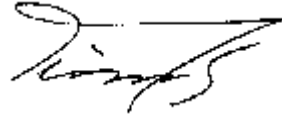
ČSN EN 60079 – 26 : 2015

ES certificate no. FTZÚ 02 ATEX 0225, including annexes no.1, 2, 3, 4 about the verification of the type is issued.

We declare and confirm that

The stated product is safe under the conditions of usual and by the instruction manual given use and that measures were adopted which secure conformity of all products launched to the market with the technical documentation and with the basic requirements of the Government decree which are related to them.

Roznov pod Radhostem , date 01. 10. 2015



Ing. Martin Pivonka
CRESSTO s.r.o. corporate agent