

[1] EU – TYPE EXAMINATION CERTIFICATE

[2] Equipment or Protective Systems Intended for use in Potentially Explosive Atmospheres
Directive 2014/34/EU.

[3] EU-Type Examination Certificate Number: **EXA 14 ATEX 0015X** Issue: **2**

[4] Product: **Manual call point**

Type: **RD-81Exi,
RD-82Exi,
RD-T Exi**

[5] Manufacturer: **MAJUR d.o.o.**

[6] Address: **Fallerovo šetalište 20, 10000 Zagreb, Croatia**

[7] This product and any acceptable variation thereto is specified in the schedule to this certificate and documents therein referred to.

[8] Ex-Agencija, Notified Body number 2465 in accordance with Article 17 of Directive 2014/34/EU of the European Parliament and of the Council, dated 26 February 2014, certifies that this product has been found to comply with the Essential Health and Safety Requirements relating to the design and construction of products intended for use in potentially explosive atmospheres given in Annex II of the Directive.

The examination and test results are recorded in confidential Report No.: **EXA 18CR037**

[9] Compliance with the Essential Health and Safety Requirements has been assured by compliance with:
EN 60079-0:2012/A11:2013 **EN 60079-11:2012**

except in respect of those requirements listed at item 18 of the Schedule.

[10] If the sign 'X' is placed after the certificate number, it indicates that the product is subject to Specific Conditions of Use specified in the schedule to this certificate.

[11] This EU-Type Examination Certificate relates only to the design, examination and test of the specified product in accordance with Annex III. Further requirements of the Directive apply to the manufacturing process and supply of this products. These are not covered by this certificate.

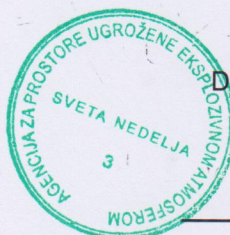
[12] The marking of the product shall include the following:



**II 2G Ex ib IIC T6 Gb
II 2D Ex ib IIIC T135 °C Db**

Date: 28.06.2018.

PB.18.TC.769/RS



Ex-Agencija

Department of equipment certification
Approved by:

[Signature]
Stipo Đerek, dipl.ing.el.

[13]

SCHEDULE[14] **EU - TYPE EXAMINATION CERTIFICATE No.: EXA 14 ATEX 0015X**[15] **Description of product**

Manual call point types **RD-81Exi**, **RD-82Exi** and manual call point – pushbutton type **RD-T Exi** are intrinsically safe devices without their own power source for fire alarm annunciation. They are intended for connection to intrinsically safe circuit of associated apparatus SSU-24ExEi or to the Zener-barrier circuit.

Manual call points are connected in parallel to the line of fire alarm system.

Types:

RD-81Exi - manual call point with one cable gland, end of line

RD-82Exi - manual call point with two cable glands, through

RD-T Exi - manual call point, contact only

Intrinsically safe circuits:

POWER SUPPLY/SIGNAL,

leads (1L+) - (L-):.....types **RD-81Exi**, **RD-82Exi**

leads (2L+) - (L-):.....types **RD-T Exi**

Maximum input voltage: $U_i = 28 \text{ V}$

Maximum input current: $I_i = 200 \text{ mA}$

Maximum input power: $P_i = 800 \text{ mW}$

Maximum internal capacitance

C_i negligible

Maximum internal inductance

L_i negligible

$T_{amb} = -20^\circ\text{C}$ to $+65^\circ\text{C}$

[16] **Confidential Report No.** EXA 18CR037[16.1] **Routine testing**

None

[17] **Specific Conditions of Use**

Appropriate method of installation, maintenance and operation, should prevent accumulation of static charge on the device.

[18] **Essential Health and Safety Requirements**

Covered by the standards listed at item 9.

[19] Drawings and Documents

Title:	Drawing No.:	Rev.level:	Date:
Description and type of protection	T 0500/1	01/00	13.06.2018.
Sketch drawing of manual call point	T 0502-RJ	01	01.04.2013.
Mechanical parts specification	T 0503-SM	01	01.04.2013.
Schematics	T 0504-ES	01	01.04.2013.
Electrical components specification	T 0505-SE	01	01.04.2013.
Layout	T 0506-TP	01	01.04.2013.
Assembly layout	T 0507-MN	01	01.04.2013.
Technical data	T 0510-PT	01	01.04.2013.
Instructions for fire alarm system 800Exi	T-0709/2 -UK	00/00	26.06.2018.