

[1]

EU-TYPE EXAMINATION CERTIFICATE

[2] **Equipment and Protective System intended for use in potentially explosive atmospheres
Directive 2014/34/EU – Annex III**

[3] Certificate Number: **EPT 17 ATEX 2611 X** Issue 0

[4] Equipment: **Push button**

Series: **PST**

[5] Manufacturer: **DVG AUTOMATION S.p.A.**

[6] Address: **Via G. Rossetti, 2 – 29016 Cortemaggiore (PC) - Italia**

[7] This equipment and its accepted variations are specified in the annex to this Certificate.

[8] Eurofins Product Testing Italy S.r.l., Notified Body n. 0477 in accordance with Article 21 of the Directive 2014/34/EU of the European Parliament and of the Council of 26 February 2014, certifies that this equipment has been found to comply with the Essential Health and Safety Requirements relating to the design and construction of equipment intended for use in potentially explosive atmospheres given in Annex II of the Directive.

The examination and test results are recorded in the confidential Report N° EPT.17.REL.01/55029


[9] Compliance with the essential health and safety requirements is assured through the verification of them and by compliance with the standards:

EN 60079-0:2012+A11:2013, EN 60079-1:2014, EN 60079-31:2014

[10] If the sign "X" is placed after the Certificate number, it indicates that the equipment is subject to the special conditions for safe use specified in the annex to this Certificate.

[11] This EU-TYPE EXAMINATION CERTIFICATE relates only to the design, the exam and the tests of the specified equipment.

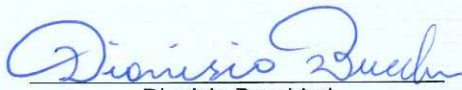
Further requirements of the Directive 2014/34/EU apply to the manufacture and supply of this equipment. These requirements are not object of this Certificate.


[12] The equipment shall include the sign  and at least one of the following string:

**II 2G Ex db IIC TX
II 2D Ex tb IIIC TX°C**

Place and date of issue:
Torino, 2017-03-31




Dionisio Bucchieri
Directive Responsible


Paolo Trisoglio
Managing Director



SGQ N° 133A
PRD N° 119B

Membro degli Accordi di Mutuo Riconoscimento EA, IAF e ILAC
Signatory of EA, IAF and ILAC Mutual Recognition Agreements

This Certificate has 3 pages and it is reproducible only in its entirety. Conditions of validity are reported below.



[13]

ANNEX

[14]

EU-TYPE EXAMINATION CERTIFICATE N. EPT 17 ATEX 2611 X Issue 0
[15] Equipment description

The non-intrusive push button series PST are devices used for provide a manual digital command, type on/off, to any electronic equipment on which it is mounted and electrically connected. It is screwed on the enclosure containing the electronics and must be connected to one of its digital inputs. Typical applications are SDCU-20, ITVC and any control box where it is necessary to enter manual digital commands. The equipment are suitable for of gas group IIC and dust group IIIC and have the type of protection "Ex d" and "Ex t".

The enclosure is made of stainless steel AISI 304/316L.

Thread type: 3/4" NPT

Electrical characteristics of the contact

Maximum voltage : 100 Vdc

Maximum current: 200 mA

Resistance: 140 + 160 mΩ

Operating temperature. -40°C + 130°C

Warning label

Not present

Routine tests

N/A

[16] Assessment Report n° EPT.17.REL.01/55029

This EU-Type Examination Certificate is released after the positive result of the conformity assessment of the Council Directive 2014/34/EU and to harmonized technical standards listed in this Certificate; performed by the Notified Body Eurofins Product Testing Italy S.r.l., and reported in the Assessment Report above cited.

[17] Special condition for a safe use

The temperature class of the equipment corresponds to that one reported on the enclosure on which it is screwed.

During installation, the user have to ensure that there is electrical continuity between the equipment and the enclosure that have to be correctly grounded.

Flameproof joints cannot be repaired.

[18] Essential Health and Safety Requirements

Assured by compliance with harmonized standards.

[19] Descriptive documents

The equipment objects of this Certificate is described by the following documents.

Scheduled documents are indicated with the symbol "✓". They cannot be modified without the explicit authorization of the Notified Body.

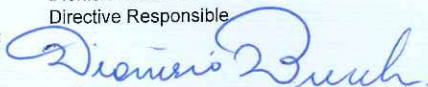
Document	Name	Rev.	Date	Scheduled
Technical data sheet	DS Magn-PB-01	0	2017-03-20	✓
Drawing	D000PUL0001	0	2016-09-15	✓
Drawing: marking label	D000PUL0003	1	2017-03-20	✓
Drawing	D000PUL0002	0	2016-09-16	-
Drawing	DPULS010002	0	2016-09-16	-



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Page 2 of 3
2017/03/31

[13]

ANNEX

[14]

EU-TYPE EXAMINATION CERTIFICATE N. EPT 17 ATEX 2611 X Issue 0



[20] Terms and conditions

The product liability rests with the Manufacturer, his representative or, in the absence of a representative, with the importer, in accordance with the General Product Safety Directive 2001/95/EC.

The following conditions may render this certificate invalid:

- changes in the design or construction of the product;
- changes or amendments to the 2014/34/EU Directive;
- changes or amendments in the standards which form the basis for documenting compliance with the essential requirements of the 2014/34/EU Directive.

[21] Certificate History

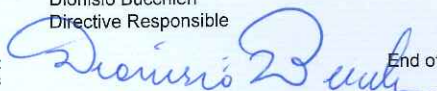
This Certificate is at its first issue.



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End of Certificate

Page 3 of 3
2017/03/31