



# IECEX Certificate of Conformity

## INTERNATIONAL ELECTROTECHNICAL COMMISSION IEC Certification Scheme for Explosive Atmospheres

for rules and details of the IECEx Scheme visit [www.iecex.com](http://www.iecex.com)

Certificate No.: IECEx EUT 17.0005X

Issue No: 0

Certificate history:

Issue No. 0 (2017-03-31)

Status: **Current**

Page 1 of 3

Date of Issue: **2017-03-31**

Applicant: **DVG Automation S.p.A.**  
Via G. Rossetti, 2 – 29016 Cortemaggiore (PC)  
**Italy**

Equipment: **Push button, Series PST**

*Optional accessory:*

Type of Protection: **Flameproof enclosures "d"; Equipment dust ignition protection by enclosure "t"**

Marking:

Ex db IIC TX

Ex tb IIIC TX°C

*Approved for issue on behalf of the IECEx  
Certification Body:*

Dionisio Bucchieri

*Position:*

Head of IECEx CB

*Signature:  
(for printed version)*

*Date:*

1. This certificate and schedule may only be reproduced in full.
2. This certificate is not transferable and remains the property of the issuing body.
3. The Status and authenticity of this certificate may be verified by visiting the [Official IECEx Website](#).

Certificate issued by:

**Eurofins Product Testing Italy S.r.l.**  
Via Cuornè,  
n.21 - 10156 Torino  
Italy



Product Testing



# IECEX Certificate of Conformity

Certificate No: IECEX EUT 17.0005X Issue No: 0  
Date of Issue: 2017-03-31 Page 2 of 3  
Manufacturer: **DVG Automation S.p.A.**  
Via G. Rossetti, 2 – 29016 Cortemaggiore (PC)  
**Italy**

Additional Manufacturing location(s):

This certificate is issued as verification that a sample(s), representative of production, was assessed and tested and found to comply with the IEC Standard list below and that the manufacturer's quality system, relating to the Ex products covered by this certificate, was assessed and found to comply with the IECEx Quality system requirements. This certificate is granted subject to the conditions as set out in IECEx Scheme Rules, IECEx 02 and Operational Documents as amended.

## STANDARDS:

The electrical apparatus and any acceptable variations to it specified in the schedule of this certificate and the identified documents, was found to comply with the following standards:

<b>IEC 60079-0 : 2011</b> Edition:6.0	Explosive atmospheres - Part 0: General requirements
<b>IEC 60079-1 : 2014-06</b> Edition:7.0	Explosive atmospheres - Part 1: Equipment protection by flameproof enclosures "d"
<b>IEC 60079-31 : 2013</b> Edition:2	Explosive atmospheres - Part 31: Equipment dust ignition protection by enclosure "t"

*This Certificate **does not** indicate compliance with electrical safety and performance requirements other than those expressly included in the Standards listed above.*

## TEST & ASSESSMENT REPORTS:

*A sample(s) of the equipment listed has successfully met the examination and test requirements as recorded in*

Test Report:

[IT/EUT/ExTR17.0007/00](#)

Quality Assessment Report:

[IT/EUT/QAR14.0003/02](#)



# IECEX Certificate of Conformity

Certificate No: IECEx EUT 17.0005X

Issue No: 0

Date of Issue: 2017-03-31

Page 3 of 3

## Schedule

### EQUIPMENT:

*Equipment and systems covered by this certificate are as follows:*

The non-intrusive push button series PST are devices used to 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.

Thread type: 3/4" NPT

Operating temperature: -40°C ÷ 130°C

### Electrical characteristics of the contact

Maximum voltage : 100 Vdc

Maximum current: 200 mA

Resistance: 140 ÷ 160 mΩ

### SPECIFIC CONDITIONS OF USE: YES as shown below:

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

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