

## UKCA Declaration of Conformity

Original document

**Manufacturer:**

Bürkert Werke GmbH & Co. KG  
Werk 1  
Keltenstraße 10  
74653 Ingelfingen-Criesbach  
[www.burkert.com](http://www.burkert.com)

**Importer:**

Burkert UK Limited  
Fluid Control Centre  
1 Bridge End  
Cirencester  
Gloucestershire  
GL7 1QY

We hereby declare that the product described below, in its design and construction as well as in the version that we have placed on the market, is in conformity with the relevant statutory requirements applicable to the specific product. The annexes, which are an integral part of this declaration of conformity, contain further information about the conformity to these regulations.

**Type:**

6027

**Product Description:**

2/2-way-solenoid valve

Equipment and Protective Systems Intended for use in Potentially Explosive Atmospheres Regulations SI 2016/1107

Pressure Equipment (Safety) Regulations SI 2016/1105

Electromagnetic Compatibility Regulations SI 2016/1091

Regulation 2016/426 on gas appliances as brought into UK law and amended

Electrical Equipment (Safety) Regulations SI 2016/1101

The Restriction of the Use of Certain Hazardous Substances in Electrical and Electronic Equipment Regulations SI 2012/3032

If any unauthorized modifications are made to the product, this declaration will lose its validity.

A complete technical documentation is available. The operating manual in the local language of the user is present (if necessary).

This declaration does not guarantee any specifications.

Ingelfingen, 03. November 2022

This document has been created and signed digitally and is valid without a handwritten signature.

i.A. Stefan Taubenberger  
Approval Management

i.A. Marc Schmeißer  
Approval Management

**UKCA Declaration of Conformity ATEX\_UKCA Original document  
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Original document

Equipment and Protective Systems Intended for use in Potentially Explosive Atmospheres Regulations SI 2016/1107

Type (product specification key):

6027-\*\*\*\*\*\_\*\_\*\*/\*\*\_\*\* (1)

(1) Variable code:  
Only valid in combination with: PX58-PX66

Only valid in combination with the EX-marking of the equipment!

The device can be used in accordance with the data given on the nameplate and in the operating instructions.

For evaluation of the conformity, the following standards were consulted (if applicable):

EN 60079-18:2015, EN IEC 60079-0:2018, EN IEC 60079-7:2015+A1:2018, EN 60079-18:2015/A1:2017

The product is certified by the Notified Body:

Name and Address of the notified body:

BUREAU VERITAS C P S UK LTD  
Kingsland Grange 31  
WA1 4RW Warrington, United Kingdom

UK Type Examination Certificate No.:

EPS 22 UKEX 1 123 X, 19.07.2022

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Original document

Equipment and Protective Systems Intended for use in Potentially Explosive Atmospheres Regulations SI 2016/1107

Type (product specification key):

6027-\*\*\*\*\*\_\*\_\*\*/\*\*\_\*\* (1)

(1) Variable code:  
Only valid in combination with: PX38

Only valid in combination with the EX-marking of the equipment!

The device can be used in accordance with the data given on the nameplate and in the operating instructions.

For evaluation of the conformity, the following standards were consulted (if applicable):

EN 60079-31:2014, EN IEC 60079-0:2018, EN IEC 60079-7:2015+A1:2018, EN 60079-18:2015/A1:2017

The product is certified by the Notified Body:

Name and Address of the notified body:

**BUREAU VERITAS C P S UK LTD**  
Kingsland Grange 31  
WA1 4RW Warrington, United Kingdom

UK Type Examination Certificate No.:

**EPS 22 UKEX 1 124 X, 20.07.2022**

**UKCA Declaration of Conformity PED\_UKCA Original document  
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Pressure Equipment (Safety) Regulations SI 2016/1105

Type (product specification key):

6027-\*\*\*\*\*\_\*\_\*\*/\*\*\_\*\*

The object of the declaration described above is in conformity with Pressure Equipment (Safety) Regulations 2016 SI 2016/1105

For evaluation of the conformity, the following standards were consulted (if applicable):

BS EN 13480-5:2017

Applied conformity assessment:

**Module A** pressive strength testing on a statistical basis as specified in Annex I, Section 3.2.2)  
(Internal production control)

Classification acc. to Article 4 and Annex II: Class 1 fluid (gaseous or liquid) Chart 6, Category I Unstable gases are excluded. Max. working pressure PN 10 bar at DN 100

The product can be used under the following conditions (dependent of the maximum operating pressure, the LTA and the medium), without category

Fluid	Conditions
Fluid group 1, §4.1.c.i	DN ≤ 25
Fluid group 2, §4.1.c.i	DN ≤ 32 or PS*DN ≤ 1000
Fluid group 1, §4.1.c.ii	DN ≤ 25 or PS*DN ≤ 2000
Fluid group 2, §4.1.c.ii	DN ≤ 200 or PS*DN ≤ 5000

DN (LTA) in mm and PS (PN) in bar

ABD 1000494053 ML Version: A Status: RL (released | freigegeben) printed: 31.03.2023

**UKCA Declaration of Conformity EMC\_UKCA Original document**  
**Specific IDs are stored in SAP and in the risk**  
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Electromagnetic Compatibility Regulations SI 2016/1091

Type (product specification key):  
 6027-\*\*\*\*\*\_\*\*/\*\*\_\*\* (1)  
 (1) Variable code:  
 Only valid in combination with: CZ24 or CZ05

The object of the declaration described above is in conformity with Electromagnetic Compatibility Regulations 2016

For evaluation of the conformity, the following standards were consulted (if applicable):  
 BS EN 61000-6-3:2007/A1:2011, BS EN 61000-6-1:2007, BS EN 61000-6-4:2007/A1:2011, BS EN 55011:2016/A1:2017, BS EN 61000-6-2:2005/AC:2005

ABD 1000494053 ML Version: A Status: RL (released | freigegeben) printed: 31.03.2023

**UKCA Declaration of Conformity GGVO\_UKCA Original document  
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Regulation 2016/426 on gas appliances as brought into UK law and amended

Type (product specification key):

6027-\*\*\*\*\*\_\*\*/\*\*\_\*\* (1)

)

(1) Variabler Code / Variable code / Variable Code:

Gilt nur in Verbindung mit / Only valid in combination with / Est uniquement valable en lien avec: PO19

The object of the declaration described above is in conformity with Regulation 2016/426 on gas appliances as brought into UK law and amended

For evaluation of the conformity, the following standards were consulted (if applicable):

EN 13611:2015, EN 16678:2015

The product is certified by the Notified Body:

Name and Address of the notified body

BSI Assurance UK Ltd  
Kitemark Court  
Davy Avenue, Knowlhill  
MK5 8PP Milton Keynes, United Kingdom

UK Type Examination Certificate No.:

UKCA 744554, 25.08.2021

**UKCA Declaration of Conformity LVD\_UKCA Original document  
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Electrical Equipment (Safety) Regulations SI 2016/1101

Type (product specification key):

6027-\*\*\*\*\*\_\*\_\*\*/\*\*\_\*\*

The object of the declaration described above is in conformity with Electrical Equipment (Safety) Regulations 2016 within certain voltage limits  
Regulation applies only to products that do not fall inside the scope of the Equipment and Protective Systems Intended for use in Potentially  
Explosive Atmospheres Regulations SI 2016/1107.

For evaluation of the conformity, the following standards were consulted (if applicable):

BS EN 60664-1:2007, BS EN 61010-1:2010/A1:2019

**UKCA Declaration of Conformity ROHS UKCA Original document  
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The Restriction of the Use of Certain Hazardous Substances in Electrical and Electronic Equipment Regulations SI 2012/3032

Type (product specification key):

6027-\*\*\*\*\*\_\*\*/\*\*\_\*\*

The product described above complies with the provisions of Directive 2011/65/EU and its amendments 2017/2102/EU and 2015/863/EU The product complies with the requirements on the restriction of the use of certain hazardous substances in electrical and electronic equipment (for list of restricted substances see Directives).

For evaluation of the conformity, the following standards were consulted (if applicable):

BS EN IEC 63000:2018