

## UKCA Declaration of Conformity

Original document

**Manufacturer:**

Bürkert Werke GmbH & Co. KG  
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74653 Ingelfingen  
[www.burkert.com](http://www.burkert.com)

**Importeur:**

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:**

6281

**Product Description:**

2/2-way-solenoid valve; servo assisted

Pressure Equipment (Safety) Regulations SI 2016/1105

Electromagnetic Compatibility Regulations SI 2016/1091

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, 10. Februar 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

**Annex PED\_UKCA for  
UKCA Declaration of Conformity**  
Original document

Pressure Equipment (Safety) Regulations SI 2016/1105

Typ / Type / Type (Geräteschlüssel / product specification key / clé de produit):

6281-\*\*-\*\*\*\*\*-(1)-\*-\*\*/\*\*-\*\*

- (1) Leitungsanschluss (LTA = DN) / port connection / raccord - category I:  
 DGRL gilt nur, wenn LTA > DN25 / PED valid only for LTA > DN25 / DESP valide de LTA > DN25  
 Maximaler Betriebsdruck PN 10 bar bei DN100 /max. working pressure PN 10 bar at DN100 / Pression de service  
 maximale PN 10 bar pour DN100

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

The instructions for safety and installation of the enclosed product documentation have to be observed.

**Annex EMC\_UKCA for  
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Electromagnetic Compatibility Regulations SI 2016/1091

Type (product specification key):

6281-\*\*-\*\*\*\*\*\_\*\_\*\*/\*\*\_\*\*

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 61000-6-4:2007/A1:2011, BS EN 61000-6-2:2005/AC:2005

**Annex LVD\_UKCA for  
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Original document

Electrical Equipment (Safety) Regulations SI 2016/1101

Typ / Type / Type (Geräteschlüssel / product specification key / clé de produit):

6281-\*\*-\*\*\*\*\*\_\*(1)/\*\*-\*\*

- (1) Spannungsebene / Voltage levels / Niveau de tension [V]:  
 NSR gilt nur, wenn Spannungsebene  $\geq 50$  V AC /  $\geq 75$  V DC und  $\leq 1000$  V AC /  $\leq 1500$  V DC  
 LVD only valid, if voltage level  $\geq 50$  V AC /  $\geq 75$  V DC and  $\leq 1000$  V AC /  $\leq 1500$  V DC  
 DBT uniquement pour les niveaux de tensions  $\geq 50$  V AC /  $\geq 75$  V DC et  $\leq 1000$  V AC /  $\leq 1500$  V DC

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 50178:1997, BS EN 60204-1:2006/AC:2010, BS EN 61010-1:2010/A1:2019

**Annex ROHS\_UKCA for  
UKCA Declaration of Conformity**  
Original document

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

Type (product specification key):

6281-\*\*-\*\*\*\*\*\_\*\_\*\*/\*\*\_\*\*

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

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