



IECEX Certificate of Conformity

INTERNATIONAL ELECTROTECHNICAL COMMISSION IEC Certification System for Explosive Atmospheres

for rules and details of the IECEx Scheme visit www.iecex.com

Certificate No.: **IECEX EPS 16.0053X** Page 1 of 4 [Certificate history:](#)
Status: **Current** Issue No: 1 [Issue 0 \(2016-10-11\)](#)
Date of Issue: 2021-12-20
Applicant: **Bürkert Werke GmbH & Co KG**
Christian Bürkert-Straße 13-17
74653 Ingelfingen
Germany
Equipment: **Solenoid 06xx**
Optional accessory:
Type of Protection: **encapsulation "m"**
Marking: Ex mb IIC T4...T5 Gb
Ex mb III C T130°C Db

Approved for issue on behalf of the IECEx
Certification Body:

Ulrich Feike

Position:

Certification Manager

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 www.iecex.com or use of this QR Code.



Certificate issued by:

Bureau Veritas Consumer Products Services Germany GmbH
Businesspark A96
86842 Türkheim
Germany





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Manufacturer: **Bürkert Werke GmbH**
Christian-Bürkert-Straße 13-17
74653 Ingelfingen
Germany

Additional
manufacturing
locations:

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 equipment 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

[IEC 60079-0:2017](#) Explosive atmospheres - Part 0: Equipment - General requirements
Edition:7.0

[IEC 60079-18:2017](#) Explosive atmospheres - Part 18: Protection by encapsulation "m"
Edition:4.1

This Certificate **does not** indicate compliance with 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:

[DE/EPS/ExTR16.0053/01](#)

Quality Assessment Report:

[DE/PTB/QAR07.0002/10](#)



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EQUIPMENT:

Equipment and systems covered by this Certificate are as follows:

The solenoid valve type 06xx is used for actuating valves that control gaseous or liquid media. The coil is potted with the core guide tube of the valve. There is always a closed system and the devices may also be used in gas stations for the control of gasoline as category 2 devices. The valve bodies can be optionally made of metal or polyamide.

The solenoid valve type may also be used in group mounting application. The maximum ambient temperature is reduced then, see electrical data.

Electrical data:

Rated voltage: 24V... 240 V $\pm 10\%$ AC or DC - 0 Hz to 60 Hz

Rated Current: 0.42 A 0.025 A

Type designation	Power	Ambient temperature	Temperature class	group mounting
064...	7 W	-40 °C ... +60 °C	T4	no
064...	7 W	-40 °C ... +45 °C	T4	yes
065...	5 W	-40 °C ... +50 °C	T5	no
065...	5 W	-40 °C ... +40 °C	T5	yes

SPECIFIC CONDITIONS OF USE: YES as shown below:

The device shall never be used in areas affected by charge-generating processes, mechanical friction and separation processes, electron emission (e.g. in the vicinity of electrostatic coating equipment), and pneumatically conveyed dust.



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DETAILS OF CERTIFICATE CHANGES (for issues 1 and above)
Update of Standards