



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

Certificate No.: IECEx TUR 15.0009X

Issue No: 1

Certificate history:

Issue No. 1 (2017-10-26)

Issue No. 0 (2015-05-26)

Status: **Current**

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Date of Issue: **2017-10-26**

Applicant: **WISKA Hoppmann GmbH**
Kisdorfer Weg 28
24568 Kaltenkirchen
Germany

Equipment: **Ex-CameraStation type CS-EX/W/xxx/JB/xxx/xx/P/H**

Optional accessory:

Type of Protection: **Flameproof enclosure**

Marking:

Ex db IIC T6 Gb
-30°C ≤ Ta ≤ +55°C
IP66, IP68 (0,2 bar, 30 min) acc. IEC 60529

Approved for issue on behalf of the IECEx
Certification Body:

Dipl.-Ing. Andreas Maschke

Position:

Deputy Head of Certification Body

Signature:
(for printed version)

Date:

2017-10-26

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](http://www.iecex.com).

Certificate issued by:

TUV Rheinland Industrie Service GmbH
Am Grauen Stein
51105 Cologne
Germany





IECEx Certificate of Conformity

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Date of Issue: 2017-10-26 Page 2 of 5
Manufacturer: WISKA Hoppmann GmbH
Kisdorfer Weg 28
24568 Kaltenkirchen
Germany

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:

IEC 60079-0 : 2011 Explosive atmospheres - Part 0: General requirements
Edition:6.0
IEC 60079-1 : 2014-06 Explosive atmospheres - Part 1: Equipment protection by flameproof enclosures "d"
Edition:7.0

*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:

[DE/TUR/ExTR15.0011/01](#)

Quality Assessment Report:

[DE/PTB/QAR11.0006/03](#)



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Schedule

EQUIPMENT:

Equipment and systems covered by this certificate are as follows:

The Ex-CameraStation is designed in type of protection flameproof enclosure. The Ex CameraStation consists essentially of a camera enclosure for incorporate the camera module and the pan and tilt drive for pan and tilt movements. The Ex-CameraStation can be delivered either with a fixed connected cable or without a cable and cable entry.

The enclosures are equipped inside with various electric equipment's as camera modules servo motors power units and self-limiting heating elements.

The self-limiting heating element is limited to a max. surface temperature to temperature class T6 and regulated and limited by a thermostat to 17 °C.

Optionally the CameraStation can be equipped with a cable gland and a fixed connected cable.

SPECIFIC CONDITIONS OF USE: YES as shown below:

1. The screws for fixing the flameproof enclosure should only be replaced by original screws of the manufacturer (Strength A2-70).
2. Some of the flameproof joints have widths that are bigger and gaps that are smaller than the values required in table 1 of EN 60079-1. Information about the dimensions are to be obtained from the manufacturer.
3. in case of connection by a fixed cable
 - The cable must be installed with protection against pulling and twisting.
 - The end of the cable is to be installed in accordance to the valid requirements of applicable standards for the installation.
 - The cable must be connected either outside the hazardous area or within the hazardous area in a certified enclosure with a suitable type of explosion protection.



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DETAILS OF CERTIFICATE CHANGES (for issues 1 and above):

Change of Company Name:

WISKA Hoppmann& Mulsow GmbH to WISKA Hoppmann GmbH

Testing according to the new standards IEC 60079-0:2011, 6th Edition + Cor.:2012 + Cor.: 2013, IEC 60079-1:2014, 7th Edition

Camera enclosure: Add a welded stud at the back panel

Glas flange: Positions of bore holes for the support rail changed Bohre hole for the wiper 2 mm shifted Glas fixed wit 3 instead of 4 holders, mechanical adjustment of the glass holders

Support rail wiper mounting of servo (no Ex-Components: Adaption to mechanical changes of the enclosure and glass flange

Part list: Correction of the width of an O-Ring at the mounting flange (138x2 instead of 124x2)

Camera Module: Added Camera Module with the same or less power consumption as installed.



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Additional information:

Annex:

[DE-IECEX_TUR_15 0009X_01_Attachment.pdf](#)



Attachment to to Certificate IECEX TUR 15.0009X, Issue 1

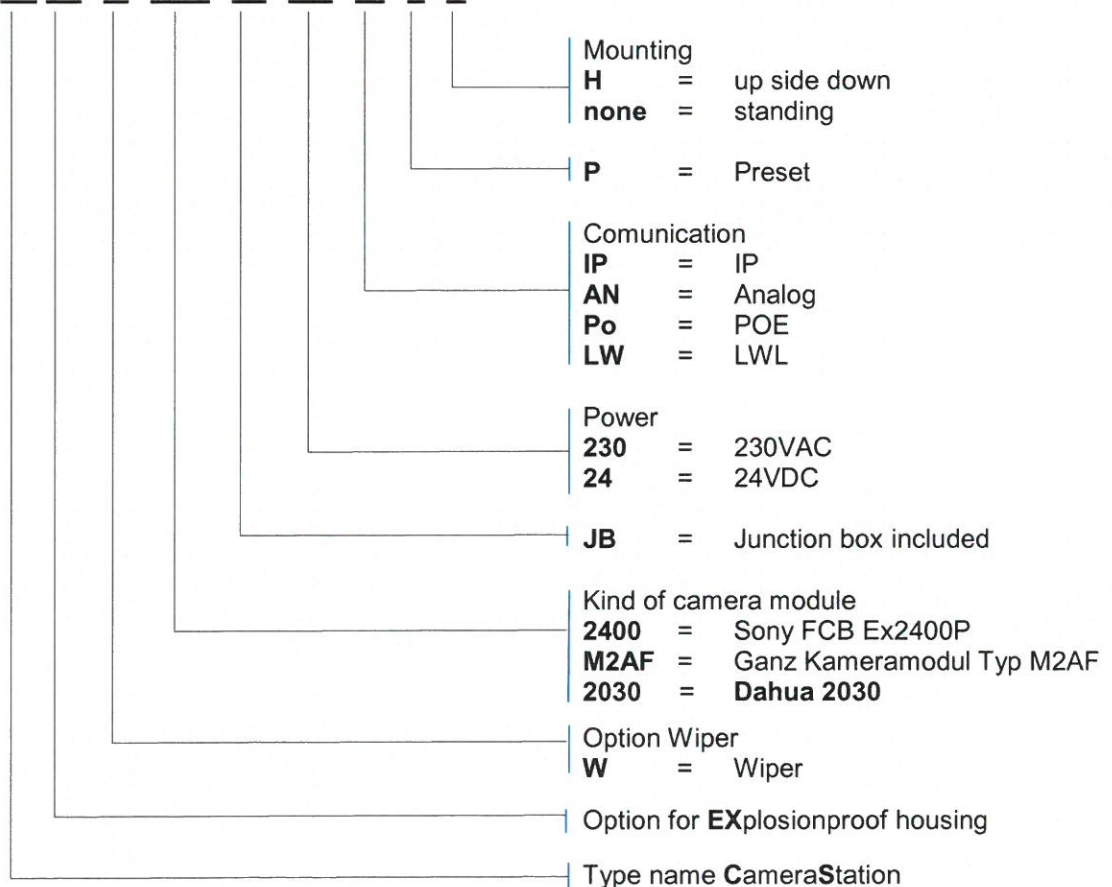
Device: Ex-CameraStation type CS-EX/W/xxxx/JB/xxx/xx/P/H
Manufacturer: WISKA Hoppmann GmbH
Address: Kisdorfer Weg 28
 24568 Kaltenkirchen

General product information:

The Ex-CameraStation Typ **CS-EX/W/xxxx/JB/xxx/xx/P/H** is designed in type of protection flameproof enclosure.
 The Ex CameraStation consists essentially of a camera enclosure for incorporate the camera module and the pan and tilt drive for pan and tilt movements. The Ex-CameraStation can be delivered either with a fixed connected cable or without a cable and cable entry.
 The enclosures are equipped inside with various electric equipment's as camera modules servo motors power units and self-limiting heating elements.
 The self-limiting heating element is limited to a max. surface temperature to temperature class T6 and regulated and limited by a thermostat to 17 °C.
 Optionally the CameraStation can be equipped with a cable gland and a fixed connected cable.

Ex-CameraStation Typ **CS-EX/W/xxxx/JB/xxx/xx/P/H**

type **CS-EX / W / xxxx / JB / xxx / xx / P / H**





Attachment to Certificate
IECEX TUR 15.0009X
Revision 1

Technical data

Power supply	230 VAC / 24 VDC
Maximum inner Power dissipation	
connecting box electronic	20.4 W
T-enclosure electronic	15.82 W
self-limiting heating cable	27 W
camera enclosure electronic	10.32 W
self-limiting heating cable	13 W
Ambient temperature range:	-30°C up to +55°C
Type of protection by enclosure (IEC 60529)	IP66, IP68 (0,2 bar, 30 min)