



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

Certificate No.: **IECEx KSCP 22.0034X** Page 1 of 3 [Certificate history:](#)

Status: **Current** Issue No: 0

Date of Issue: 2022-09-15

Applicant: **UESTCO Energy Sytems**  
Şerifali Mah. Hendem Cad. No:2 Kat:2-3  
34775 Ümraniye  
İstanbul  
**Türkiye**

Equipment: **Karf&Scoot Industrial Fixed Gas Detector GD series**

Optional accessory:

Type of Protection: **flameproof enclosure "db"**

Marking: **Ex db IIC T6 Gb**

Approved for issue on behalf of the IECEx  
Certification Body:

**Sang He Kim**

Position:

**President of the Board**

Signature:  
(for printed version)

Date:  
(for printed version)

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Certificate issued by:

**KSC POLAND Sp. z o.o.**  
**Chorzowska 150 Street**  
**Katowice 40-101**  
**Poland**





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Manufacturer: **UESTCO Energy Sytems**  
Şerifali Mah. Hendem Cad. No:2 Kat:2-3  
34775 Ümraniye  
İstanbul  
**Türkiye**

Manufacturing  
locations: **UESTCO Energy Sytems**  
Şerifali Mah. Hendem Cad. No:2  
Kat:2-3  
34775 Ümraniye  
İstanbul  
**Türkiye**

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 60079-1:2014-06** Explosive atmospheres - Part 1: Equipment protection by flameproof enclosures "d"  
Edition:7.0

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:

[PL/KSCP/ExTR22.0034/00](#)

Quality Assessment Report:

[PL/KSCP/QAR22.0017/00](#)



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Certificate No.: **IECEx KSCP 22.0034X**

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Date of issue: 2022-09-15

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## **EQUIPMENT:**

Equipment and systems covered by this Certificate are as follows:

Karf&Scoat Industrial Fixed Gas Detector, GD series (GD2G, GD420 and GD485), consists of Body, Cover and Sensor capsule part. Body, Cover, Connection part and Sensor capsule are made of Aluminium alloy. Sintered metal made of stainless steel, 316L, is assembled in the Sensor capsule by press-fitted. Hexagon socket set screws prevent to loose the threaded joints of Cover and Sensor capsule. two M20 P1.5 entries are provided in the Body. There are four kinds of sensors, I(Infra red), E(Electrochemical), C(Catalytic) and PID(Photoionization Detector). Length of Sensor capsule for E, C and PID is longer than the one for I(Infra red) type. Refer to certificate addendum.

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

- The flameproof joints are not intended to be repaired.
- User should contact the manufacturer for information on the dimensions of the flameproof joints.

## **Annex:**

[KSCP\\_Annex\\_IECEx KSCP 22.0034X.pdf](#)

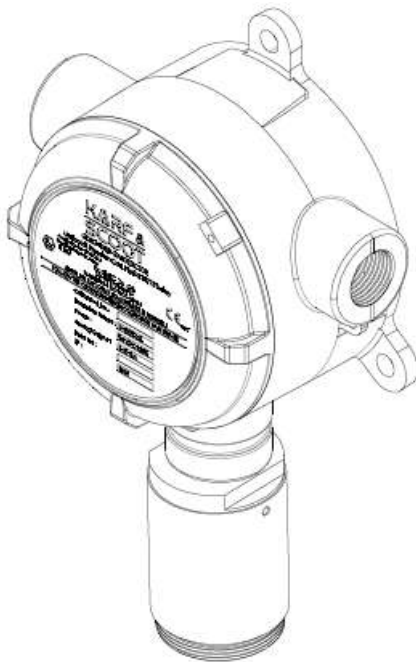


## Addendum to IECEx Certificate

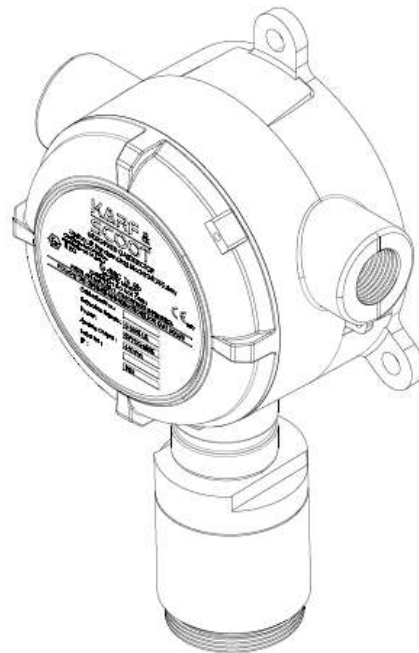
|                         |                     |
|-------------------------|---------------------|
| Reference Number..... : | IECEx KSCP 22.0034X |
| Issue..... :            | Issue 0             |

### Description

Karf&Scoot Industrial Fixed Gas Detector, GD series (GD2G, GD420 and GD485), consists of Body, Cover and Sensor capsule part. Body, Cover, Connection part and Sensor capsule are made of Aluminium alloy. Sintered metal made of stainless steel, 316L, is assembled in the Sensor capsule by press-fitted. Hexagon socket set screws prevent to loose the threaded joints of Cover and Sensor capsule. two M20 P1.5 entries are provided in the Body. There are four kinds of sensors, I(Infra red), E(Electrochemical), C(Catalytic) and PID(Photoionization Detector). Length of Sensor capsule for E, C and PID is longer than the one for I(Infra red) type.



[Gas detector, E & C & PID]



[Gas detector, I]

### Marking:

Marking has to be readable and indelible; it has to include the following indications:

| Item                                            | Detail                                                                       |
|-------------------------------------------------|------------------------------------------------------------------------------|
| Manufacturer's name<br>or registered trade mark | <b>KARF &amp;<br/>SCOOT</b>                                                  |
| Address                                         | Şerifali Mah. Hendem Cad. No:2 Kat:2-3, Ümraniye, İstanbul<br>34775, Türkiye |
| Product name                                    | Karf&Scoot Industrial Fixed Gas Detector                                     |

|                |                       |            |
|----------------|-----------------------|------------|
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## Addendum to IECEx Certificate

Reference Number..... : **IECEx KSCP 22.0034X**

Issue..... : Issue 0

| Item                                                                | Detail                                                                                  |
|---------------------------------------------------------------------|-----------------------------------------------------------------------------------------|
| Type identification                                                 | GD2G, GD420, GD485                                                                      |
| Serial No. and year of manufacturer                                 | *yymmnnnn                                                                               |
| Certificate number                                                  | IECEx KSCP 22.0034X<br>KSCP 22ATEX0026X                                                 |
| CE mark<br>(not components)<br>Notified Body No.<br>(if applicable) |        |
| ATEX marking                                                        |  II 2G |
| Code                                                                | Ex db IIC T6 Gb                                                                         |
| Tamb.                                                               | -20 °C ~ +60 °C                                                                         |
| Warnings                                                            | WARNING – Do not open when an explosive atmosphere is present.                          |

### Routine tests:

None

|                |                       |                   |
|----------------|-----------------------|-------------------|
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