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 ULD 22.0010X**

Certificate history:

Status: **Current**

Issue No: 0

Date of Issue: 2022-06-30

Applicant: **Prosense Teknoloji San. Ltd. Sti.**
Cumhuriyet Mah, Mermer Sk. No:16
KARTAL - Istanbul 34876
Türkiye

Equipment: **Gas Detector, Series PX*******

Optional accessory:

Type of Protection: **Flameproof "db", Dust Ignition Protection by Enclosure "tb"**

Marking: Ex db IIC T6 Gb

Ex tb IIIC T85°C Db

-40°C ≤ Ta ≤ +70°C

Approved for issue on behalf of the IECEx Certification Body: **Lucy Frieders**

Position: **Staff Engineer**

Signature:
(for printed version)

Date:
(for printed version)

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:

UL International DEMKO A/S
Borupvang 5A
DK-2750 Ballerup
Denmark

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Date of issue: 2022-06-30 Issue No: 0

Manufacturer: **Prosense Teknoloji San. Ltd. Sti.**
Cumhuriyet Mah, Mermer Sk. No:16
KARTAL - Istanbul 34876
Türkiye

Manufacturing locations: **Prosense Teknoloji San. Ltd. Sti.**
Cumhuriyet Mah, Mermer Sk. No:16
KARTAL - Istanbul 34876
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 Explosive atmospheres - Part 1: Equipment protection by flameproof enclosures "d"
Edition:7.0

IEC 60079-31:2013 Explosive atmospheres - Part 31: Equipment dust ignition protection by enclosure "t"
Edition:2

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:

DK/ULD/ExTR22.0009/00

Quality Assessment Report:

GB/EXV/QAR18.0006/03

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EQUIPMENT:
Equipment and systems covered by this Certificate are as follows:

Prosense PX series Gas and Vapor Detection Equipment comprise an aluminium or stainless steel enclosure provided with up to 3 no. threaded entries for field wiring and one for the threaded device containing the detector module. The threaded cover allows access to the wiring terminals and PCB's.

The PX Gas Detector is intended to indicate presence of flammable and toxic gases in air or oxygen by atmospheric aspiration only.

PXN provides RS-485 output and includes relay connection for external annunciation or control; as well as these features, the PXD also incorporates a sight glass allowing review of the integral display.

Please see Annex for additional information.

SPECIFIC CONDITIONS OF USE: YES as shown below:

1. Flamepaths must not be repaired.
2. When the painted enclosure is intended for use in Group III applications, the end user must adhere to the manufacturer's instructions to minimize risk of electrostatic discharge.
3. PX Series gas detectors must be installed only with sensor head pointing downwards.

Annex:

Annex to IECEx ULD 22.0010X Issue 0.pdf