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 FIDI 23.0008X**	Page 1 of 3	Certificate history:
Status:	**Current**	Issue No: 0	
Date of Issue:	2024-06-04		
Applicant:	**DISTRAN AG** Heinrichstrasse 200 Zurich 8005 **Switzerland**		
Equipment:	**Ultrasound camera Distran Ultra Pro X**		
Optional accessory:			
Type of Protection:	**Intrinsic safety 'ic'**		
Marking:	**Ex ic IIC T5 Gc** **Ex ic IIIC T100°C Dc**		

Approved for issue on behalf of the IECEx Certification Body: **Marino Kelava**

Position: **Certification Signatory**

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:

Fiditas Ltd
Slavka Tomerlina 44
HR-10361 Zagreb-Sesvete
Croatia

Fiditas
explosion safety solutions

IECEx Certificate of Conformity

Certificate No.: **IECEx FIDI 23.0008X** Page 2 of 3

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Manufacturer: **DISTRAN AG**
Heinrichstrasse 200
Zurich 8005
Switzerland

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 60079-11:2011 Explosive atmospheres - Part 11: Equipment protection by intrinsic safety "i"
Edition:6.0

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:

HR/FIDI/ExTR23.0015/00

Quality Assessment Report:

HR/FIDI/QAR23.0003/00

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

The device is an ultrasound camera. It is a hand-held inspection device used to inspect primarily pipes, valves, flanges and various other piping searching for leaks. It also has other hand-held inspection applications.

The microphones arranged on its front plate record the surrounding ultrasounds. This information is processed by embedded processors to compute the direction of each sound and other information. A video camera is also present. The result of the computation is displayed in real time on the display at the rear of the device.
The device is also able to communicate with WiFi networks and read GPS signal.

The device is powered by a battery. The battery can only be charged outside of the device, when disconnected. The charge must take place in a non-hazardous area

Technical data:

Battery: Lithium Ion, Um= 13.05 V (4.35 V per cell) or Um = 12.60 V (4.35 V per cell) according to IEC 60079-0, Table 14

IP degree of enclosure: IP54

Ambient temperature: -10°C to +40°C

SPECIFIC CONDITIONS OF USE: YES as shown below:

The wear of the coating user must be periodically checked by user.