



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 25.0006X	Page 1 of 3	Certificate history:
Status:	Current	Issue No: 0	
Date of Issue:	2025-07-01		
Applicant:	Officine Orobiche S.r.l. Via Giorgio Paglia, 22 I - 24050, Zanica (BG) Italy		
Equipment:	Level indicator series 2000		
Optional accessory:			
Type of Protection:	Non-electrical equipment protection 'h'		
Marking:	Ex h IIC T6 Gb Ex h IIIC T85°C Db or Ex h IIC T5 Gb Ex h IIIC T100°C Db		

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
Zagreb-Sesvete HR-10361
Croatia



Fiditas
explosion safety solutions



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Manufacturer: **Officine Orobiche S.r.l.**
Via Giorgio Paglia, 22
I - 24050, Zanica (BG)
Italy

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

ISO 80079-36:2016 Explosive atmospheres - Part 36: Non-electrical equipment for explosive atmospheres - Basic methods and requirements
Edition: 1.0

ISO 80079-37:2016 Explosive atmospheres - Part 37: Non-electrical equipment for explosive atmospheres - Non electrical type of protection constructional safety "c", control of ignition source "b", liquid immersion "k"
Edition: 1.0

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/ExTR25.0005/00

Quality Assessment Report:

IT/CES/QAR16.0002/11



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EQUIPMENT:

Equipment and systems covered by this Certificate are as follows:

The 2000 series antifrost hermetically sealed level indicators are specifically designed for vertical mounting on the external sides of pressure vessels. These indicators serve as fluid level markers and can also be used for interface service, distinguishing between two fluids with different densities using white and red colored flags. The equipment covered by this certificate consists of a raceway with a transparent front side. The fluid circulates in a column positioned near, but outside, the equipment. The fluid does not come into contact with the external or internal parts of the level indicator. Inside the raceway, there is a set of flags made from ferromagnetic material, each featuring one white side and one red side. When observing the raceway, the section where the fluid is present in the column will appear red, while the upper section, where the gas phase (or vapor or fluid with lower density) is present, will appear white. All indicators share a similar construction, with the primary difference being the length of the raceway. The number of internal moving components varies according to the length of the indicator.

Rated data:

Ingress protection: IP 66

Length: from 0.4 m to 6.5 m

Ambient temperature:

-50°C to +75°C for T6/T85°C

-50°C to +90°C for T5/T100°C

Warning markings:

„WARNING – POTENTIAL ELECTROSTATIC HAZARD – SEE INSTRUCTIONS“

SPECIFIC CONDITIONS OF USE: YES as shown below:

1. Potential electrostatic charging hazard. Clean only with a damp cloth.
2. The equipment must be installed to prevent any accumulation of electrostatic charges. It shall be protected from direct airflows causing a charge transfer.
3. In case of fluid temperature above 90°C, suitable thermal insulation between the process and the level indicator shall be installed, and/or appropriate spacing between these two items shall be achieved.