



# 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.:	<b>IECEx PRE 14.0040</b>	Page 1 of 4	<u>Certificate history:</u>
Status:	<b>Current</b>	Issue No: 1	<a href="#">Issue 0 (2014-12-18)</a>
Date of Issue:	2021-10-20		
Applicant:	<b>TELEDYNE OLDHAM SIMTRONICS</b> Z.I. Est – rue Orfila F-62027 ARRAS Cedex France		
Equipment:	<b>Junction box</b>		
Optional accessory:			
Type of Protection:	<b>Protection by Increased safety</b>		
Marking:	Ex eb IIC T5 Gb, -40°C<Ta<+65°C, IP66		

Approved for issue on behalf of the IECEx  
Certification Body:

**Ståle Sandstad**

Position:

**Certification Manager**

Signature:  
(for printed version)

Date:

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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](http://www.iecex.com) or use of this QR Code.



Certificate issued by:

**DNV Product Assurance AS**  
**Veritasveien 3**  
**Hovik 1363**  
**Norway**





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Manufacturer: **TELEDYNE OLDHAM SIMTRONICS**  
Z.I. Est – rue Orfila  
F-62027 ARRAS Cedex  
**France**

Additional  
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 60079-7:2015** Explosive atmospheres – Part 7: Equipment protection by increased safety "e"  
Edition:5.0

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 Reports:

**NO/PRE/ExTR14.0036/00**

**NO/PRE/ExTR14.0036/01**

Quality Assessment Report:

**FR/INE/QAR06.0006/12**



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## **EQUIPMENT:**

Equipment and systems covered by this Certificate are as follows:

The junction box is made of fibre reinforced polyester containing a terminal block consisting of solid copper conductors and insulating parts made of Wemid. The entrance is through a certified Ex cable gland. The cable gland is certified for Ex eb and IP 66. There are two more entrances blocked by blinding plugs. The blinding plugs are certified for Ex eb and IP 66. The lid is fastened by four metallic screws and there is a rubber gasket on the lid for sealing.

## **Type designation:**

GD1 Junction box.

## **Electrical Data**

Voltage: 18-32 VDC

Max. 1 Amp.

**SPECIFIC CONDITIONS OF USE: NO**



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

- 1) Updated to latest standard IEC 60079-0:2017 & IEC 60079-7:2015
- 2) Products ownership has been transferred from SIMTRONICS AS to Teledyne Oldham Simtronics. Re-issued to have new name and address.