



# 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 EXV 25.0036X** Page 1 of 3 [Certificate history:](#)  
Status: **Current** Issue No: 0  
Date of Issue: 2025-09-09  
Applicant: **APLISENS S.A.**  
ul. Morelowa 7, 03-192 Warszawa, POLAND  
**Poland**  
Equipment: **Loop Powered Temperature Transmitter**  
Optional accessory:  
Type of Protection: **Intrinsic Safety "i"**  
Marking: Ex ia IIC T4 Ga  
Ex ia IIIC T135°C Da  
Tamb -40°C to +85°C

Approved for issue on behalf of the IECEx  
Certification Body:

**Glenn Manifold BSc (Hons) CQP MCQI**

Position:

**Certification Manager**

Signature:  
(for printed version)

Date:  
(for printed version)

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Certificate issued by:

**ExVeritas Limited**  
**Units 16-18 Abenbury Way**  
**Wrexham Ind. Est.**  
**Wrexham LL 139UZ**  
**United Kingdom**





# IECEX Certificate of Conformity

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Date of issue: 2025-09-09

Issue No: 0

Manufacturer: **APLISENS S.A.**  
ul. Morelowa 7, 03-192 Warszawa, POLAND  
**Poland**

Manufacturing locations: **APLISENS S.A.**  
ul. Morelowa 7, 03-192 Warszawa,  
POLAND  
**Poland**

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:

[GB/EXV/ExTR25.0072/00](#)

Quality Assessment Report:

[PL/KDB/QAR12.0001/07](#)



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Date of issue: 2025-09-09

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**EQUIPMENT:**

Equipment and systems covered by this Certificate are as follows:

**See Annex for full details.**

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

**See Annex for full details.**

**Annex:**

[IECEX EXV 25.0036X Annex.pdf](#)

**Description Continued**

The ATX-3 and GIX-22-3 temperature transmitters are designed to accept inputs from a range of temperature sensors and convert these to standard industrial 4-20 mA output signals. The ATX-3 accepts inputs from resistance devices (RTD or slide wire type) and the GIX-22-3 accepts inputs from thermocouple devices. These devices must conform to the requirements for simple apparatus (refer to Special Conditions of Safe Use). The equipment comprises a single PCB within a small plastic circular enclosure with external screw type terminal connections for signal and sensor connections. The enclosure is fully encapsulated after assembly. The transmitters are to be fitted inside a suitably certified enclosure.

Table of entity parameters				
Parameter	ATX-3		GIX-22-3	
	+/-	1 / 2 / 3	+/-	1 / 2 / 3
Ui	30 V	1.5 V	30 V	1.5 V
li	100 mA	-	100 mA	-
Pi	750 mW	-	750 mW	-
Ci	0	1.5 uF	0	10 nF
Li	0	0	0	0
Uo	-	5 V	-	5 V
Io	-	2 mA	-	55 mA
Po	-	65 mW	-	0.62 mW

Routine Tests
1. None.

Title	Drawing Number	Revision	Date
TEMPERATURE TRANSMITTERS ATX-3 USER'S MANUAL	EN.IO.ATX.3	01.A.002	July 2025
TEMPERATURE TRANSMITTERS GIX-22-3 USER'S MANUAL	EN.IO.GIX.22.3	01.A.002	July 2025
Tabliczki ATX-3	MCK/KR-176-00-25	1	07.2025
Tabliczki GIX-22-3	MCK/KR-175-00-25	1	07.2025

Special Conditions of Safe Use
<ol style="list-style-type: none"> <li>For gas applications, the ATX-3 and GIX-22-3 temperature transmitters must be mounted in a suitably certified ATEX/IECEX enclosure with a minimum IP 2X rating for its intended installation and located in an area where the enclosure will not be subject to impact or friction.</li> <li>For dust applications, the GIX-22-3 and ATX-3 temperature transmitters must be mounted in a suitably certified ATEX/IECEX enclosure for its intended installation with a minimum IP 5X rating to ensure that there is no dust layer on the temperature transmitters in the final installation or IP 6X</li> <li>The equipment shall only be configured by means of the separately certified USBTTX Config device outside of a hazardous area. (IECEX EMT 16.0030X, ATEX EMT 16ATEX0050X &amp; CML 21UKEX2527X). The temperature sensor must be located in the safe area when being used with the USBTTX Config device.</li> <li>If the equipment is mounted in an enclosure with separate IS circuits, appropriate segregation shall be provided in accordance with IEC 60079-11 Ed 6 Clause 6.2.1</li> <li>GIX-22-3 – Only for connection to suitable thermocouples. These shall conform to the requirements for simple apparatus as defined in IEC 60079-11 Ed 6 Clause 5.7 and pass a dielectric strength test in accordance with IEC 60079-11 Ed 6 Clause 6.3.13.</li> <li>ATX-3 – Only suitable for connection to RTD temperature sensors or slide wire resistance devices. They shall conform to the requirements for simple apparatus as defined in EN 60079-11 Clause 5.7 and shall pass a dielectric strength test in accordance with IEC 60079-11 Ed 6 Clause 6.3.13.</li> <li>The ambient temperature range of the enclosure will limit the permitted ambient range of the overall equipment. Refer to the enclosure certification.</li> </ol>