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 DNV 24.0001X**	Page 1 of 3	Certificate history:
Status:	**Current**	Issue No: 0	
Date of Issue:	2025-02-05		
Applicant:	**GP:50 Ltd.** 2770 Long Road Grand Island, NY 14072 **United States of America**		
Equipment:	**Pressure and/or Temperature Transmitter Models 1**, 2**, and 3****		
Optional accessory:	with or without Temperature Output		
Type of Protection:	**Intrinsic Safety (Ex ia)**		
Marking:	Ex ia IIC T5 Ga -40°C ≤ Ta ≤ +85°C		

Approved for issue on behalf of the IECEx Certification Body:	**Ståle Sandstad**
Position:	**Certification Manager**
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:

DNV Product Assurance AS
Veritasveien 1
1363 Høvik
Norway

IECEx Certificate of Conformity

Certificate No.: **IECEx DNV 24.0001X**

Date of issue: 2025-02-05 Issue No: 0

Manufacturer: **GP:50 Ltd.**
2770 Long Road
Grand Island, NY 14072
United States of America

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 60079-11:2023 Explosive atmospheres - Part 11: Equipment protection by intrinsic safety "i"
Edition:7.0

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:

NO/DNV/ExTR24.0002/00

Quality Assessment Report:

NO/PRE/QAR15.0011/05

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

The Model 1**, 2**, and 3** are pressure/temperature transmitters constructed of a cylindrical stainless steel body with a pressure port/sensor assembly on one end and an electrical connection/wiring assembly on the other end. Electrical connections are made either via integral flying leads or via an integral connector. Pressure transmitter units may also include an optional RTD for measurement of temperature, which is considered as a separate electrical circuit from that of the pressure transmitter electronics.

See Annex for type identification and electrical data.

SPECIFIC CONDITIONS OF USE: YES as shown below:

1. The equipment is not capable of passing the 500V dielectric test prescribed in IEC 60079-11. This must be considered during installation of the equipment.
2. When the optional RTD is included, it shall be considered as a separate electrical circuit and shall be installed as such.

Annex:

Annex to IECEx DNV 24.0001X, Issue 0.pdf

DNV Product Assurance AS
Veritasveien 1
1363 Høvik
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Annex to certificate: IECEx DNV 24.0001X

Type Identification

Model a XXX bb cc, where:

a = Electrical Output Code: Single digit alphanumeric character as defined by GP:50 to identify the electrical output of the device:

1 = mV/V (for PT), Ω (for TT)

2 = Vdc

3 = 4 - 20 mA

XXX = Base Product Model Code: Two or three digit code defined by GP:50 to identify the product type and configuration such as Pressure Transducer (PT), Temperature Transducer (TT), Dual Pressure & Temperature Transducer (PT/TT).

bb = Product Approval Code: Two digit code as identified below which identifies the approval ratings for the device:

AI = Intrinsically Safe Approved (ATEX / IEC)

GI = Intrinsically Safe Approved (FM / CSA / ATEX / IEC)

cc = Product Option Codes: May be a series of various 1 or 2 digit alphabetic and/or alphanumeric characters as defined by GP:50 to identify device options or modifications (i.e., Range, Accuracy, Pressure Port, Miscellaneous Options, etc) that do NOT affect product certification.

Electrical Data

	U_i	I_i	P_i	C_i	L_i
Model 1 (PT)**	15V	100mA	0.7W	0nF	0mH
Model 1 (TT)**	28V	100mA	0.7W	0nF	0mH
Model 2**	28V	100mA	0.7W	37.2nF	0mH
Model 2** (Option NF)	28V	100mA	0.7W	27.2nF	0mH
Model 3**	28V	100mA	0.7W	32.2nF	0mH