



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 PRE 21.0015X** Page 1 of 3 [Certificate history:](#)
Status: **Current** Issue No: 0
Date of Issue: 2021-06-24
Applicant: **Nova Smar S/A**
Av. Dr. Antonio Furlan Jr. 1028, 14170-480 Sertaozinho-SP
Brazil
Equipment: **Position Transmitter**
Optional accessory:
Type of Protection: **Ex db**
Marking: **Ex db IIC T6 Gb**

Approved for issue on behalf of the IECEx
Certification Body:

Ståle Sandstad

Position:

Certification Manager

Signature:
(for printed version)

Date:

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 3
Hovik 1363
Norway





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Date of issue: 2021-06-24

Issue No: 0

Manufacturer: **Nova Smar S/A**
Av. Dr. Antonio Furlan Jr. 1028, 14170-480 Sertaozinho-SP
Brazil

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 60079-1:2014-06 Explosive atmospheres - Part 1: Equipment protection by flameproof enclosures "d"
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/PRE/ExTR21.0012/00](#)

Quality Assessment Report:

[NO/NEM/QAR08.0006/09](#)



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EQUIPMENT:

Equipment and systems covered by this Certificate are as follows:

The four models that this certificate covers are all position transmitters, capable of measuring displacement or movement of linear or rotary type by non-contact sensing. The models differ in their method of communication.

Type designation

TP290: Analog signal
TP301: HART protocol
TP302: FIELDBUS
TP303: PROFIBUS PA protocol

Electrical Data

U= 28 VDC

Degrees of protection (IP Code)

IP66 and IP68 (10m depth for 24h)
IP66W and IP68W (10m depth for 24h)

Ambient temperature:

-20°C to +60°C

Routine tests

None

SPECIFIC CONDITIONS OF USE: YES as shown below:

IECEX certified cable gland to be used.

Repairs of the flameproof joints must be made in compliance with the structural specifications provided by the manufacturer. Repairs must not be made on the basis of values specified in tables 3 of EN/IEC 60079-1.