



# Certificate of Compliance

**Certificate:** 1624034

**Master Contract:** 213842

**Project:** 70106457

**Date Issued:** 2016-12-29

**Issued to:** UWT GmbH  
Westendstrasse 5  
Betzigau, 87488  
GERMANY  
Attention: Andreas Haug

*The products listed below are eligible to bear the CSA Mark shown*



**Issued by:** *Jack Chin*  
Jack Chin

## **PRODUCTS**

CLASS - C225802 - PROCESS CONTROL EQUIPMENT-For Hazardous Locations-

CLASS - C225804 - PROCESS CONTROL EQUIPMENT-Intrinsically Safe, Entity - For Hazardous Locations-

Level Limit Switches VIBRANIVO, Type 4X Enclosure, IP66

Ambient temperature range      For Types VN5050 and VN6050:      -25°C... +60°C.  
For other types:      -40°C...+60°C.

Process temperature range:      -40 °C ... +150 °C.

VIBRANIVO Types VN 50\*0 .U... / VN 60\*0 .U... suitable for hazardous locations:

CLASS I, Div 1, Groups B,C,D T5...T3

CLASS II, III Div 1, Groups E,F,G

Ex d [ia] IIC T5...T3

Installed per drawing number dm 100520 (for types VN5040 and VN6040)

Level Limit Switches VIBRANIVO Types VN 50\*0 .S... / VN 60\*0 .S... for hazardous locations:

CLASS II, III Div 1, Groups E,F,G

Ex de[ia] IIC T5...T3

Installed per drawing number dm 100520 (for types VN5040 and VN6040)

Level Limit Switches VIBRANIVO Types VN 50\*0 .N... / VN 60\*0 .N... for hazardous locations:





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## **MARKINGS**

- CSA Monogram
- Company name or Master contract
- Model number
- Serial number
- CSA Certificate No: CSA 2005. 1624034
- Electrical rating
- Hazardous locations designation
- Special purpose enclosure designation, "TYPE 4X"
- Max Ambient
- Temperature Code Rating, Temp. Code T..
- Caution re keeping cover tight while circuits are live except for type VIBRANIVO VN 50\*0 .M... / VN60\*0.M... ; VN 50\*0 .N... / VN 60\*0 .N... and VN 50\*0 .P... / VN 60\*0 .P...
- Statement re Intrinsically Safe, ie. Reference to Installation drawing

For type VIBRANIVO VN 50\*0 .U... / VN 60\*0 .U...  
- Seal conduit within 18 inches or 0,5 m of the enclosure

For types VIBRANIVO VN 50\*0 .P... / VN 60\*0 .P...  
- The Symbol Exia  
- The words "INTRINSICALLY SAFE"

Warning:"Use supply wires rated at least 90°C" inside the enclosure

- The Level Limit Switches VIBRANIVO VN 50\*0 .P... / VN 60\*0 .P... with standard housing are marked Ex ia IIC T ...
- The Level Limit Switches VIBRANIVO VN 50\*0 .U... / VN 60\*0 .U... with "d" housing are marked Ex d [ia] IIC T ...
- The Level Limit Switches VIBRANIVO VN 50\*0 .S... / VN 60\*0 .S... with "de" housing are marked Ex de [ia] IIC T ...
- The Level Limit Switches VIBRANIVO VN 5020 . U1... and VN 6020 .U1...with "d" housing are marked Ex d IIC T ...
- The Level Limit Switches VIBRANIVO VN 5020 . S1... and VN 6020 .S1... with "de" housing are marked Ex de IIC T ...
- The Level Limit Switches VIBRANIVO VN 50\*0 .N... / VN 60\*0 .N... with standard housing are marked CLASS II, III DIV1 Groups E, F, G



## *Supplement to Certificate of Compliance*

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*The products listed, including the latest revision described below, are eligible to be marked in accordance with the referenced Certificate.*

### **Product Certification History**

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<b>Project</b>	<b>Date</b>	<b>Description</b>
70106457	2016-12-29	Update Report 1624034 to add new Modules pl100050 (pl100051, pl100052, pl100318, pl100319) Universal Relay (DPDT). In addition various documents were updated and new documents added to the Descriptive Document list.
1624034	2005-07-04	Original CSA certification of Level Switches VIBRANIVO VN 50*0/60*0