



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 EESF 20.0010X	Page 1 of 4	Certificate history:
Status:	Current	Issue No: 0	
Date of Issue:	2020-05-27		
Applicant:	Neles Finland Oy Vanha Porvoontie 229 P.O. Box 304 Vantaa FI-01301 Finland		
Equipment:	Local Control Panel LTB91H		
Optional accessory:	n/a		
Type of Protection:	Intrinsically safe		
Marking:	Ex ia IIC T6...T4 Gb		

Approved for issue on behalf of the IECEx
Certification Body:

Jenni Hirvelä

Position:

Senior Expert

Signature:
(for printed version)

Date:

2020-05-27

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:

Eurofins Expert Services Oy
Kivimiehentie 4
FI-02150 Espoo
Finland



Expert Services



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Manufacturer: **Neles Finland Oy**
Vanha Porvoontie 229
P.O. Box 304
Vantaa FI-01301
Finland

Additional
manufacturing
locations: **Scanfil OÜ**
Vana Sauga 40
EE-80010 Pärnu
Estonia

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:

[FI/EESF/ExTR20.0010/00](#)

Quality Assessment Report:

[NO/DNV/QAR09.0008/10](#)



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EQUIPMENT:

Equipment and systems covered by this Certificate are as follows:

Local control panel LTB91H is intended to be used with Metso Flow Control ND9000H_P model valve controller. The LTB91H incorporates PST start button (off-mom.) for initiating partial stroke test function of the controller and screw connectors for connection of Exi-barrier and ND9000H_P position transmitter (PT) interface.

Electrical data:

$U_i = 28 \text{ V}$

$I_i = 120 \text{ mA}$

$P_i = 1000 \text{ mW}$

(C_i and L_i negligible)

SPECIFIC CONDITIONS OF USE: YES as shown below:

The allowed ambient temperature ranges are:

T6: $-53 \text{ }^{\circ}\text{C} \dots +50 \text{ }^{\circ}\text{C}$

T5: $-53 \text{ }^{\circ}\text{C} \dots +65 \text{ }^{\circ}\text{C}$

T4: $-53 \text{ }^{\circ}\text{C} \dots +80 \text{ }^{\circ}\text{C}$

To avoid ignition hazard the aluminium enclosure shall be protected from impacts and friction.



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Additional information:

Original release of this CoC is IECEx VTT 16.0012X. CB name has been changed from VTT Expert Services to Eurofins Expert Services. Applicant name has been changed from Metso Flow Control to Neles Finland.