



EU Declaration of Conformity

ABB Inc.
3400, Rue Pierre-Ardouin
Québec (Québec) G1P 0B2
CANADA

herewith confirm in sole responsibility that the following:

Product: **LLT100 series Laser Level Transmitter (Flameproof / Dust-ignition proof version)**

Model: **LLT100.aabcddee**

Where “aa” can be AI, SI, AM or SM, “b” can be A, B, C, D, F or G, “c” can be N or H, “dd” is 10, and “ee” can be L0 or L5.

are built in accordance with the requirements of the quality standard ISO 9001:2015 and in compliance with the following European directives and regulations:

Directive 2014/35/EU	Low voltage directive (LVD)
Directive 2014/30/EU	Electromagnetic compatibility (EMC)
Directive 2014/34/EU	Equipment for explosive atmospheres (ATEX)
Directive 2011/65/EU	Restriction of the use of certain Hazardous Substances (RoHS II)

Has been designed and tested to specifications of the following standards:

EN 60079-0:2012/A11:2013	EN 60079-1:2014	EN 60079-26:2015
EN 60079-28:2015	EN 60079-31:2014	EN 60529 :1991/A1 :2000
EN/IEC 60825-1:2007	EN/IEC 61010-1:2010	EN 61326-1:2013

and furthermore, after doing a gap analysis, declare that the following (parts/clauses of) harmonized standards have been met:

EN 60079-0:2012	EN/IEC 60825-1:2014
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ATEX Certification identification:

EU-Type Examination Certificate Number: FM16ATEX0032X Issue Number: 1 (NB#2809)

Cemented Window Version – Metric and Imperial:

Fused Glass Version – Metric and Imperial:

II 2 (1) G Ex db [op is T6 Ga] IIC T6...T5 Gb	II 1/2 (1) G Ex db [op is T6 Ga] IIC T6...T5 Ga/Gb
II 2 (1) D Ex tb [op is Da] IIIC T85 °C...T100 °C Db	II 2 (1) D Ex tb [op is Da] IIIC T85 °C...T100 °C Db

Notified Body doing factory surveillance:

DEKRA Certification B.V. (NB # 0344) Meander 1051, 6825 MJ Arnhem, The Netherlands.

The equipment identified above complies with all the essential requirements of the directives when installed, operated, and maintained in accordance with ABB Inc. LLT100 Operating Instruction, OI-LLT100.

Québec, 2020-09-23

Marc Corriveau
General Manager

Michel Bégin
Product Line Manager

Jean-François Ferland
EX Responsible Person

ABB Inc.

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