



EU DECLARATION OF CONFORMITY

We, the undersigned,

BEA SA, LIEGE Science Park, Allée des Noisetiers, 5, 4031 Angleur, Belgium

declare that the declaration of conformity is issued under our sole responsibility and belongs to the following product (s):

LZR®-H100 laser sensor for rising barriers

The object of the declaration described above is in conformity with the relevant Union harmonisation legislation:

2014/30/EU	EMC Directive
2014/35/EU	LVD Directive
2006/42/EC	Machinery Directive
2011/65/EU	RoHS 2 Directive

The following harmonised standards and technical specifications have been applied:

EN 61000-6-2:2005 +AC:2005	Electromagnetic compatibility (EMC) - Part 6-2: Generic standards - Immunity for industrial environments
EN 61000-6-3:2007 +A1:2011+AC:2012	Electromagnetic compatibility (EMC) - Part 6-3: Generic standards - Emission standard for residential, commercial and light-industrial environments
EN 60950-1:2006 +A11:2009+A12:2011+A1:2010 +A2:2013+AC:2011	Information technology equipment - Safety - Part 1: General requirements
EN 60825-1:2014	Safety of laser products - Part 1: Equipment classification and requirements
EN ISO 13849-1:2015	Safety of machinery - Safety-related parts of control systems - Part 1: General principles for design (Performance level "d" CAT 2)
EN 62061:2005 +A1:2013+A2:2015+AC:2010	Safety of machinery - Functional safety of safety-related electrical, electronic and programmable electronic control systems (SIL2)
EN 61496-1:2013	Safety of machinery - Electro-sensitive protective equipment - Part 1: General requirements and tests (ESPE Type2)
EN 12978:2003 +A1:2009	Industrial, commercial and garage doors and gates - Safety devices for power operated doors and gates - Requirements and test methods
EN 50581:2012	Technical documentation for the assessment of electrical and electronic products with respect to the restriction of hazardous substances

Additional standards or normative documents:

EN 12453:2017	Industrial, commercial and garage doors and gates - Safety in use of power operated doors - Requirements and test methods (Device E)
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Notified body for EC inspection: 0044, TÜV NORD CERT GmbH, Langemarckstr. 20, 45141 Essen
EC-type examination No.: 44 780 13 089628

Angleur, 8th January 2018
Pierre GARDIER
Chief Technology Officer
(authorized representative)

Angleur, 8th January 2018
Elmar KOCH
Managing Director