



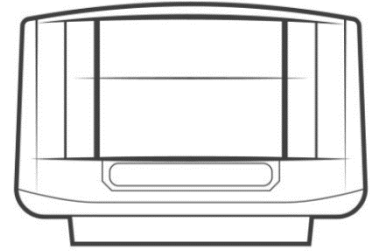
A Halma company



UK DECLARATION OF CONFORMITY

We, the undersigned,

BEA sa
Liège Science Park
Allée des Noisetiers, 5
4031 Angleur
Belgium



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

LZR®-I100 / -I110 laser sensor for automatic industrial doors

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

Supply of Machinery (Safety) Regulations 2008

Electromagnetic Compatibility Regulations 2016 (EMC)

The Restriction of the Use of Certain Hazardous Substances in Electrical and Electronic Equipment Regulations 2012 (RoHS) and amendments

The following designated standards and other standards and technical specifications have been applied:

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 ISO 13849-1:2015	Safety of machinery - Safety-related parts of control systems - Part 1: General principles for design (PLd, Cat.2)
EN 62061:2005 +AC:2010+A1:2013+A2:2015	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)
IEC 61496-3:2008	Safety of machinery - Electro-sensitive protective equipment - Part 3: Particular requirements for active opto-electronic protective devices responsive to diffuse Reflection (AOPDDR)
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 60825-1:2014	Safety of laser products - Part 1: Equipment classification and requirements

Additionally, the sensor provides a level E of safeguarding when installed in accordance with the prescriptions of its User Guide and of **EN 12453:2017** (Industrial, commercial and garage doors and gates - Safety in use of power operated doors - Requirements and test methods).

Signed for and on behalf of: **BEA sa**


Place and date of issue: **Angleur**

2022-03-29

Name and function: **Estelle Graas**

Product Compliance Manager

Signature:

DocuSigned by:

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UK Authorised Representative:

Halma UK DS Ltd, Misbourne Court, Rectory Way, Amersham, Buckinghamshire, HP7 0DE, United Kingdom