

# UKCA-Declaration of Conformity

PILZ

original declaration

We Pilz GmbH & Co. KG, Felix-Wankel-Str. 2, 73760 Ostfildern, Germany

declare under our sole responsibility that the product

Safety light grid PSEN opII3 – series

product list see annex

complies with following UK legislation:

S.I. 2008/1597 Supply of Machinery (Safety) Regulations 2008

S.I. 2016/1091 Electromagnetic Compatibility Regulations 2016

S.I. 2012/3032 The Restriction of the Use of Certain Hazardous Substances in Electrical and Electronic Equipment Regulations 2012

Standards or technical rules applied for conformity assessment:

EN IEC 61496-1: 09.2020, EN IEC 61496-2: 09.2020 EN 62061: 2005/A2:2015, EN ISO 13849-1: 2015, EN 55011:2016/A1 2017/A11 2020

Consistency of a type sample with the legislation:

Supply of Machinery (Safety) Regulations 2008

has been certified by:

Notified body/ Address	TÜV Süd Product Service GmbH Ridlerstraße 65 D-80339 München 0123
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Number of examination certificate: M6A-020132-0232-R01

Authorised representative

Pilz Automation Ltd, Pilz House, Little Colliers Field, Corby, Northants, NN18 8TJ, United Kingdom

<http://www.pilz.co.uk>

Signed for and on behalf of:

Ostfildern,

29.07.2022

Place, Date

Fröhlich, Norbert Vice President Product Development

surname, first name and function of signatory



signature

This declaration of conformity is suitable to the British Standard BS EN ISO/IEC 17050-1:2010: „Conformity assessment - Supplier's declaration of conformity - Part 1: General requirements“

## Annex to UKCA - Declaration of conformity

### product list Safety light grid PSEN opI3 – series

#### 14mm Resolution

Unit	Emitter	Receiver
PSEN opI3F-s-14-015	PSEN opI3F-s-14-015 emitter	PSEN opI3F-s-14-015 receiver
PSEN opI3F-s-14-030	PSEN opI3F-s-14-030 emitter	PSEN opI3F-s-14-030 receiver
PSEN opI3F-s-14-045	PSEN opI3F-s-14-045 emitter	PSEN opI3F-s-14-045 receiver
PSEN opI3F-s-14-060	PSEN opI3F-s-14-060 emitter	PSEN opI3F-s-14-060 receiver
PSEN opI3F-s-14-075	PSEN opI3F-s-14-075 emitter	PSEN opI3F-s-14-075 receiver
PSEN opI3F-s-14-090	PSEN opI3F-s-14-090 emitter	PSEN opI3F-s-14-090 receiver
PSEN opI3F-s-14-105	PSEN opI3F-s-14-105 emitter	PSEN opI3F-s-14-105 receiver
PSEN opI3F-s-14-120	PSEN opI3F-s-14-120 emitter	PSEN opI3F-s-14-120 receiver
PSEN opI3F-s-14-135	PSEN opI3F-s-14-135 emitter	PSEN opI3F-s-14-135 receiver
PSEN opI3F-s-14-150	PSEN opI3F-s-14-150 emitter	PSEN opI3F-s-14-150 receiver
PSEN opI3F-s-14-165	PSEN opI3F-s-14-165 emitter	PSEN opI3F-s-14-165 receiver
PSEN opI3F-s-14-180	PSEN opI3F-s-14-180 emitter	PSEN opI3F-s-14-180 receiver

#### 30mm Resolution

Unit	Emitter	Receiver
PSEN opI3H-s-30-015	PSEN opI3H-s-30-015 emitter	PSEN opI3H-s-30-015 receiver
PSEN opI3H-s-30-030	PSEN opI3H-s-30-030 emitter	PSEN opI3H-s-30-030 receiver
PSEN opI3H-s-30-045	PSEN opI3H-s-30-045 emitter	PSEN opI3H-s-30-045 receiver
PSEN opI3H-s-30-060	PSEN opI3H-s-30-060 emitter	PSEN opI3H-s-30-060 receiver
PSEN opI3H-s-30-075	PSEN opI3H-s-30-075 emitter	PSEN opI3H-s-30-075 receiver
PSEN opI3H-s-30-090	PSEN opI3H-s-30-090 emitter	PSEN opI3H-s-30-090 receiver
PSEN opI3H-s-30-105	PSEN opI3H-s-30-105 emitter	PSEN opI3H-s-30-105 receiver
PSEN opI3H-s-30-120	PSEN opI3H-s-30-120 emitter	PSEN opI3H-s-30-120 receiver
PSEN opI3H-s-30-135	PSEN opI3H-s-30-135 emitter	PSEN opI3H-s-30-135 receiver
PSEN opI3H-s-30-150	PSEN opI3H-s-30-150 emitter	PSEN opI3H-s-30-150 receiver
PSEN opI3H-s-30-165	PSEN opI3H-s-30-165 emitter	PSEN opI3H-s-30-165 receiver
PSEN opI3H-s-30-180	PSEN opI3H-s-30-180 emitter	PSEN opI3H-s-30-180 receiver

## 170mm Resolution

Unit	Emitter	Receiver
PSEN oplI3B-s-170-045	PSEN oplI3B-s-170-045 emitter	PSEN oplI3B-s-170-045 receiver
PSEN oplI3B-s-170-060	PSEN oplI3B-s-170-060 emitter	PSEN oplI3B-s-170-060 receiver
PSEN oplI3B-s-170-075	PSEN oplI3B-s-170-075 emitter	PSEN oplI3B-s-170-075 receiver
PSEN oplI3B-s-170-090	PSEN oplI3B-s-170-090 emitter	PSEN oplI3B-s-170-090 receiver
PSEN oplI3B-s-170-120	PSEN oplI3B-s-170-120 emitter	PSEN oplI3B-s-170-120 receiver
PSEN oplI3B-s-170-150	PSEN oplI3B-s-170-150 emitter	PSEN oplI3B-s-170-150 receiver

## 300mm Resolution

Unit	Emitter	Receiver
PSEN oplI3B-s-300-045	PSEN oplI3B-s-300-045 emitter	PSEN oplI3B-s-300-045 receiver
PSEN oplI3B-s-300-060	PSEN oplI3B-s-300-060 emitter	PSEN oplI3B-s-300-060 receiver
PSEN oplI3B-s-300-075	PSEN oplI3B-s-300-075 emitter	PSEN oplI3B-s-300-075 receiver
PSEN oplI3B-s-300-090	PSEN oplI3B-s-300-090 emitter	PSEN oplI3B-s-300-090 receiver
PSEN oplI3B-s-300-120	PSEN oplI3B-s-300-120 emitter	PSEN oplI3B-s-300-120 receiver
PSEN oplI3B-s-300-150	PSEN oplI3B-s-300-150 emitter	PSEN oplI3B-s-300-150 receiver

## Accessory

Type	remark
PSEN oplI Testpiece 14mm	Test piece for safety light grid for finger protection, Ø 14mm
PSEN oplI Testpiece 30mm	Test piece for safety light grid for finger protection, Ø 30mm
PSEN oplI lockout	Mechanical protective device for a secure interruption of the protective field, lockable
PSEN oplI muting box	Wiring assistance for PSEN op safety light curtain
PSEN oplI muting arm	2 muting arms for assembling of muting sensors on sender and receiver of the PSEN oplIxx series
PSEN oplI muting arm bracket kit	4 brackets for mounting muting sensors on muting arms