

CERTIFICATE OF COMPLIANCE

Certificate Number E244656
Report Reference E244656-20161006
Date 2021-JUNE-28

Issued to: PILZ GMBH & CO. KG
FELIX-WANKEL-STRASSE 2 OSTFILDERN
GERMANY 73760

**This is to certify that
representative samples of**

NIPF7 - ACTIVE OPTO-ELECTRONIC PROTECTIVE
DEVICES CERTIFIED FOR CANADA

See Addendum Page for Product Designation(s).

Have been investigated by UL in accordance with the
Standard(s) indicated on this Certificate.

Standard(s) for Safety: See Addendum for Safety Standards.

Additional Information: See the UL Online Certifications Directory at
<https://iq.ulprospector.com> for additional information

This Certificate of Compliance does not provide authorization to apply the UL Mark. Only the UL Follow-Up Services Procedure provides authorization to apply the UL Mark.

Only those products bearing the UL Mark should be considered as being UL Certified and covered under UL's Follow-Up Services.

Look for the UL Certification Mark on the product.

B. Mahrenholz

Bruce Mahrenholz, Director North American Certification Program

UL LLC

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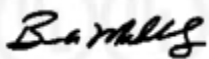
Addendum:

Model	Category Description
PSEN opII, followed by 3 or 4, followed by B, F or H, followed by -s, followed by -14, -30, -170 or -300, followed by 015 through 180, followed by Emitter, Receiver or Blank	Type 3 and 4 light curtains

Safety Standards:

ANSI/UL 1998, Software in Programmable Components, Third Edition

- IEC 61508-1, Functional Safety of Electrical / Electronic / Programmable Electronic Safety-Related Systems - Part 1: General Requirements, Second Edition
- IEC 61508-3, Functional Safety of Electrical / Electronic / Programmable Electronic Safety-Related Systems - Part 3: Software Requirements, Second Edition,
- ISO 13849-1, Safety of Machinery, Safety-Related Parts of Control Systems - Part 1: General Principles for Design, Third Edition
- ANSI/UL 61496-1, Electro-Sensitive Protective Equipment - Part 1: General Requirements and Tests, First Edition.
- IEC 61496-1, Electro-Sensitive Protective Equipment - Part 1: General Requirements and Tests, 4th Edition
- IEC 61496-2, Safety of machinery – Electro-sensitive protective equipment – Part 2: Particular requirements for equipment using active opto-electronic protective devices (AOPDs)
- ANSI/UL 61496-2, Safety of machinery – Electro-sensitive protective equipment – Part 2: Particular requirements for equipment using active opto-electronic protective devices (AOPDs), 4th Edition



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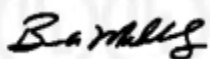
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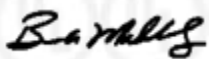
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