

# CERTIFICATE OF COMPLIANCE

**Certificate Number** UL-US-2140224-1  
**Report Reference** E87056-20180126  
**Date** 18-Aug-2022

**Issued to:** Pepper+Fuchs SE  
Lilienthalstrasse 200 Mannheim 68307  
Germany

**This is to certify that representative samples of** NRKH - Proximity Switches  
See Addendum Page for Product Designation(s).

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

**Standard(s) for Safety:** UL 60947-5-2, 3rd Ed., Issue Date: 2014-03-28, UL 60947-1, 5th Ed., Issue Date: 2013-07-31, Revision Date: 2019-05-06

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

This Certificate of Compliance indicates that representative samples of the product described in the certification report have met the requirements for UL certification. It does not provide authorization to apply the UL Mark. Only the Authorization Page that references the Follow-Up Services Procedure for ongoing surveillance 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.



Bruce Mahrenholz, Director North American Certification Program

UL LLC

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**Certificate Number** UL-US-2140224-1  
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This is to certify that representative samples of the product as specified on this certificate were tested according to the current UL requirements

Model	Category Description
<b>F31</b> , N, followed by B or C, followed by N, followed by numbers, followed by -F31, followed by -N4, -N5, -E8, -Z8, -B3 or -B3B, followed by -K, -V1, -V16 or -V18, may be followed by -K, -V1, -V15 or -V16, may be followed by numbers and M, may be followed by - and any combination of letters and/or numbers, may be followed by -Y and any combination of letters and/or numbers.	Proximity Switches, Inductive, Class 2 or LV/LC
<b>F31</b> , N, followed by B or C, followed by N, followed by numbers, followed by -F31, followed by -U8, followed by -K, -V18 or -V95, may be followed by numbers and M, may be followed by - and any combination of letters and/or numbers, may be followed by -Y and any combination of letters and/or numbers.	Proximity switches, AC/DC
<b>F31K</b> , N, followed by B or C, followed by N, followed by numbers, followed by -F31K, followed by -N4, -N5, -E8, -Z8, -B3 or -B3B, may be followed by -K, -V1, -B13, -B23 or -B31, may be followed by -K or -V1, may be followed by S, may be followed by numbers and M, may be followed by - and any combination of letters and/or numbers, may be followed by -Y and any combination of letters and/or numbers.	Proximity Switches, Inductive, Class 2 or LV/LC



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# CERTIFICATE OF COMPLIANCE

**Certificate Number** UL-CA-2133715-1  
**Report Reference** E87056-20180126  
**Date** 18-Aug-2022

**Issued to:** Pepper+Fuchs SE  
Lilienthalstrasse 200 Mannheim 68307  
Germany

**This is to certify that representative samples of** NRKH7 - Proximity Switches Certified for Canada  
See Addendum Page for Product Designation(s).

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

**Standard(s) for Safety:** CSA C22.2 NO. 60947-1-13, 2nd Ed., Issue Date: 2013-07-31, CSA C22.2 NO. 60947-5-2-14, 1st Ed., Issue Date: 2014-03-28

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

This Certificate of Compliance indicates that representative samples of the product described in the certification report have met the requirements for UL certification. It does not provide authorization to apply the UL Mark. Only the Authorization Page that references the Follow-Up Services Procedure for ongoing surveillance provides authorization to apply the UL Mark.

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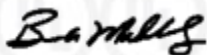


# CERTIFICATE OF COMPLIANCE

**Certificate Number** UL-CA-2133715-1  
**Report Reference** E87056-20180126  
**Date** 18-Aug-2022

This is to certify that representative samples of the product as specified on this certificate were tested according to the current UL requirements

Model	Category Description
<b>F31</b> , N, followed by B or C, followed by N, followed by numbers, followed by -F31, followed by -N4, -N5, -E8, -Z8, -B3 or -B3B, followed by -K, -V1, -V16 or -V18, may be followed by -K, -V1, -V15 or -V16, may be followed by numbers and M, may be followed by - and any combination of letters and/or numbers, may be followed by -Y and any combination of letters and/or numbers.	Proximity Switches, Inductive, Class 2 or LV/LC
<b>F31</b> , N, followed by B or C, followed by N, followed by numbers, followed by -F31, followed by -U8, followed by -K, -V18 or -V95, may be followed by numbers and M, may be followed by - and any combination of letters and/or numbers, may be followed by -Y and any combination of letters and/or numbers.	Proximity switches, AC/DC
<b>F31K</b> , N, followed by B or C, followed by N, followed by numbers, followed by -F31K, followed by -N4, -N5, -E8, -Z8, -B3 or -B3B, may be followed by -K, -V1, -B13, -B23 or -B31, may be followed by -K or -V1, may be followed by S, may be followed by numbers and M, may be followed by - and any combination of letters and/or numbers, may be followed by -Y and any combination of letters and/or numbers.	Proximity Switches, Inductive, Class 2 or LV/LC



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