

Certificate of Compliance

Certificate Number:

UL-US-2013143-4

Report Reference:

E87056-20171202

Issue Date:

2024-03-21

Issued to:

Pepperl+Fuchs SE

**Lilienthalstrasse 200 Mannheim, Baden-Wurttemberg 68307
Germany**

This certificate confirms that representative samples of:

NRKH2 - Proximity Switches - Component

See Addendum Page for Product Designation(s).

Have been evaluated by UL in accordance with the component requirements in the Standard(s) indicated on this Certificate. UL Recognized components are incomplete in certain constructional features or restricted in performance capabilities and are intended for installation in complete equipment submitted for investigation to UL LLC.

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 UL Product iQ® 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 Recognized Component 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 Recognized Component Mark should be considered as being UL Certified and covered under UL's Follow-Up Services.

Look for the UL Recognized Component Mark on the product.



David Piecuch
UL Mark Certification Program Manager



Any information and documentation involving UL Mark services are provided on behalf of UL LLC (UL) or any authorized licensee of UL. For questions, please contact UL Solutions Customer Service at <https://www.ul.com/contact-us>.

CERTIFICATE OF COMPLIANCE

Certificate number UL-US-2013143-4
Report reference E87056-20171202
Date 2024-03-21

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

Model	Product Description
<p>N, followed by B, C, E, M, R, X, S, H, J or A, may be, may be followed by B or N, followed by numbers, followed by - numbers, followed by GM, GK, GS, GH, M, K, S or H, may be followed by numbers, followed by -A0, -A2, -B3, -B3B, -E0, -E1, -E2, -E3, E34, -EP, -EI, -2E2, -U, -I, -I3, -IU, -N0, -N1, -N, -S1N, -SN, -Z0, -Z1, -Z11, -Z12, -Z13, -Z14, -Z2, -Z3, -Z4, -Z4L, -Z5, or -Z9, may be followed by -IO, may be followed by -C, -C3, -T, -P, -NFE, -NE/FE, -FE, -D, -DW, -150, -200, -250, -M1 or -M, may be followed by -C, -C3, -T, -P, -NFE, -NE/FE, -FE, -D, -DW, -150, -200, -250, -M1 or -M, may be followed by -C, -C3, -C4, -T, -P, -NFE, -NE/FE, -FE, -D, -DW, -150, -200, -250, -M1 or -M, may be followed by - numbers and M or - numbers and MM, may be followed by -PUR, -PVC or OG, may be followed by -3AMP, -4AMP, -3PKD, -4PKD, -3DT04, -4DT04, -3DT06, -4DT06, -3MOL, -4MOL or -AT, may be followed by -3G-3D, -M1, -M or -S2D2, may be followed by -3G-3D, -M1, -M or -S2D2, 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.</p>	<p>Proximity Switches, Cylindrical, Inductive, Class 2 or LV/LC</p>
<p>N, followed by B, C, E, M, R, X, S, H, J or A,, followed by numbers, followed by -numbers, followed by -numbers, may be followed by -numbers, followed by -A0, -A2, -E0, -E1, -E2, -E3, -EP, E34, -EI, -2E2, -U, -I, -I3, -IU, -N0, -N1, -N, -S1N, -SN, -Z0, -Z1, -Z11, -Z12, -Z13, -Z14, -Z2, -Z3, -Z4, -Z4L, -Z5, or -Z9, may be followed by -IO, may be followed by -G or -E93, may be followed by -D, -910 or -931, may be followed by -D, -910 or -931, may be followed by -D, -910 or -931, may be followed by -numbers and M or -numbers and MM, may be followed by -PUR or -PVC, may be followed by -3AMP, -4AMP, -3PKD, -4PKD, -3DT04, -4DT04, -3DT06, -4DT06, -3MOL, -4MOL, or -AT may be followed by -3G-3D, 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.</p>	<p>Proximity Switches, Cylindrical, Inductive, Class 2 or LV/LC</p>



David Picuch
 UL Mark Certification Program Manager

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Certificate of Compliance

Certificate Number:

UL-CA-2010423-4

Report Reference:

E87056-20171202

Issue Date:

2024-03-21

Issued to:

Pepperl+Fuchs SE

**Lilienthalstrasse 200 Mannheim, Baden-Wurttemberg 68307
Germany**

This certificate confirms that representative samples of:

NRKH8 - Proximity Switches Certified for Canada - Component

See Addendum Page for Product Designation(s).

Have been evaluated by UL in accordance with the component requirements in the Standard(s) indicated on this Certificate. UL Recognized components are incomplete in certain constructional features or restricted in performance capabilities and are intended for installation in complete equipment submitted for investigation to UL LLC.

**CSA C22.2 NO. 60947-5-2-14, 1st Ed., Issue Date: 2014-03-28,
CSA C22.2 No. 60947-1, 2nd Ed., Issue Date: 2013-07-01**

Additional Information:

See UL Product iQ® at <https://iq.ulprospector.com> for additional information.

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Model	Product Description
<p>N, followed by B, C, E, M, R, X, S, H, J or A, may be, may be followed by B or N, followed by numbers, followed by - numbers, followed by GM, GK, GS, GH, M, K, S or H, may be followed by numbers, followed by -A0, -A2, -B3, -B3B, -E0, -E1, -E2, -E3, E34, -EP, -EI, -2E2, -U, -I, -I3, -IU, -N0, -N1, -N, -S1N, -SN, -Z0, -Z1, -Z11, -Z12, -Z13, -Z14, -Z2, -Z3, -Z4, -Z4L, -Z5, or -Z9, may be followed by -IO, may be followed by -C, -C3, -T, -P, -NFE, -NE/FE, -FE, -D, -DW, -150, -200, -250, -M1 or -M, may be followed by -C, -C3, -T, -P, -NFE, -NE/FE, -FE, -D, -DW, -150, -200, -250, -M1 or -M, may be followed by -C, -C3, -C4, -T, -P, -NFE, -NE/FE, -FE, -D, -DW, -150, -200, -250, -M1 or -M, may be followed by - numbers and M or - numbers and MM, may be followed by -PUR, -PVC or OG, may be followed by -3AMP, -4AMP, -3PKD, -4PKD, -3DT04, -4DT04, -3DT06, -4DT06, -3MOL, -4MOL or -AT, may be followed by -3G-3D, -M1, -M or -S2D2, may be followed by -3G-3D, -M1, -M or -S2D2, 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.</p>	<p>Proximity Switches, Cylindrical, Inductive, Class 2 or LV/LC</p>
<p>N, followed by B, C, E, M, R, X, S, H, J or A,, followed by numbers, followed by -numbers, followed by -numbers, may be followed by -numbers, followed by -A0, -A2, -E0, -E1, -E2, -E3, -EP, E34, -EI, -2E2, -U, -I, -I3, -IU, -N0, -N1, -N, -S1N, -SN, -Z0, -Z1, -Z11, -Z12, -Z13, -Z14, -Z2, -Z3, -Z4, -Z4L, -Z5, or -Z9, may be followed by -IO, may be followed by -G or -E93, may be followed by -D, -910 or -931, may be followed by -D, -910 or -931, may be followed by -numbers and M or -numbers and MM, may be followed by -PUR or -PVC, may be followed by -3AMP, -4AMP, -3PKD, -4PKD, -3DT04, -4DT04, -3DT06, -4DT06, -3MOL, -4MOL, or -AT may be followed by -3G-3D, 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.</p>	<p>Proximity Switches, Cylindrical, Inductive, Class 2 or LV/LC</p>



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