Certificate Number UL-US-2140030-0 E87056-20170508

Date 19-Oct-2021

Issued to: Pepperl+Fuchs SE

Lilienthalstrasse 200 Mannheim

Germany 68307

This is to certify that NRKH - Proximity Switches representative samples of

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: UL 60947-1 Low-Voltage Switchgear and Controlgear -

Part 1: General Rules,

UL 60947-5-2 Low-voltage Switchgear and Controlgear - Part 5-2: Control Circuit Devices and Switching Elements -

Proximity Switches

Additional Information: See the UL Online Certifications Directory at

https://ig.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.





Certificate Number UL-US-2140030-0
Report Reference E87056-20170508
Date 19-Oct-2021

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
F77, U, followed by B or C, may be followed by E or R, followed by three digits, followed by -F77 or -F77S, followed by -EP, -IU, -E0, - E1, - E2, -E3, -F, -S, SE0, - SE1, -SE2 or -SE3, may be followed by -IO, may be followed by a number, followed by M, may be followed by -V31, -V1 or -V15, may be followed by -Y or -P, may be followed by up to six digits, may be followed by - and up to 6 digits.	Enclosed type Ultrasonic Proximity Switches





Certificate Number Report Reference

UL-CA-2133555-0 E87056-20170508

Date

19-Oct-2021

Issued to:

Pepperl+Fuchs SE

Lilienthalstrasse 200 Mannheim

Germany 68307

This is to certify that representative samples of

NRKH7 - Proximity Switches 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:

CSA C22.2 No. 60947-1-Low-Voltage Switchgear and

Controlgear - Part 1: General Rules,

CSA C22.2 No. 60947-5-2-Low-voltage Switchgear and

Controlgear - Part 5-2: Control Circuit Devices and

Switching Elements - Proximity Switches

Additional Information:

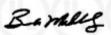
See the UL Online Certifications Directory at

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Look for the UL Certification Mark on the product.



(II)

Certificate Number UL-CA-2133555-0
Report Reference E87056-20170508
Date 19-Oct-2021

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
F77, U, followed by B or C, may be followed by E or R, followed by three digits, followed by -F77 or -F77S, followed by -EP, -IU, -E0, - E1, - E2, -E3, -F, -S, SE0, - SE1, -SE2 or -SE3, may be followed by -IO, may be followed by a number, followed by M, may be followed by -V31, -V1 or -V15, may be followed by -Y or -P, may be followed by up to six digits, may be followed by - and up to 6 digits.	Enclosed type Ultrasonic Proximity Switches





Bruce Mahrenholz, Director North American Certification Program