

# CERTIFICATE OF COMPLIANCE

**Certificate Number** 20161222-E87056  
**Report Reference** E87056-19910314  
**Issue Date** 2016-DECEMBER-22

**Issued to:** Pepperl+Fuchs GMBH  
LILIENTHALSTRASSE 200  
68307 MANNHEIM GERMANY

**This is to certify that  
representative samples of** PROXIMITY SWITCHES  
See Addendum Page

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

**Standard(s) for Safety:** UL 60947-1 and CSA C22.2 NO. 60947-1-13, Low-Voltage  
Switchgear and Controlgear – Part 1: General Rules  
UL 60947-5-2 and CSA C22.2 NO. 60947-5-2-14, 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  
[www.ul.com/database](http://www.ul.com/database) for additional information

Only those products bearing the UL Certification Mark should be considered as being covered by UL's  
Certification and Follow-Up Service.

Look for the UL Certification Mark on the product.



Bruce Mahrenholz, Director North American Certification Program  
UL LLC

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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.

USL, CNL - Proximity Switches, Series C, N, P, IA, R, S, and M followed by a number/letter combination.

USL, CNL - Proximity Switches for connection to Class 2 power supply only, Series M5, MA14, MD14, ML5, MV5, MV14, MLV14, O, U, ACX, ACY, INX or INY followed by any number/Letter combination.

USL, CNL - Proximity Switches for connection to Class 2 power supply only, Series LD, LV, RL, RLG, RL28, RLG28, LV28, LD28, LT, M, MS, MV, ML, MLV, GD, GV, GLV, GL, GLE, DK, DF, ST-54.1, ST-H.1, HDM-H, SU, LS610-DA, LS611-DA, FLT, VDM, WTS, ME7, MVE7, MLE7; may be followed by any number; may be followed by -6, -6-G, -8, -8-H, -8-HW, -8-HS, -8-HGU, -8-V, -8-HV, -8-W, -54, -54-G, -55, -55-G, -P, -T, -R, -LL; may be followed by any number and/or letter combination, or a number range consisting of two sets of numbers separated by a " - "; may be followed by -AS-I, -E, -F, -IR, -L, -RT, -UV, -LAS, -3K, -P, -IBS, -EIP, -PN, -SSI, -EHB, -IO, -F1, -F2, -F3, -F4, -D, -LL-G, -LL-K, -R, -Z, -A, -S, -M, -MS, -S, -B3B, -FFP, -PCB, -R1, -L1, -MD, -SD, -V or HT; followed by a number/letter combination.

USL, CNL - Models NBB20-L3M-U, may be followed by -C3, followed by V-12 or V-93.

USL, CNL, Models NBB20-U1-A0, NBB20-U10-A2, NBB30-U1-A0, NBB30-U1-A2.  
NBB8-18GM50-E2, NBB4-12GM50-E2-V1, NBN8-12GM55-ES-V1, NBB8-18GM50-E2-V1, NBN12-18GM60-E2-V1, NBB15-30GM50-E2-V1, NBB8-18GM50-E2.

USL, CNL - Models NBN3-F31-U8 followed by alphanumeric characters.  
NBN3-F31-E8 followed by alphanumeric characters.  
NBN3-F31-N4 followed by alphanumeric characters.



Bruce Mahrenholz, Director North American Certification Program

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