UL-US-L501628-341916-51200202-2
E501628-20200215

Certificate of Compliance

Certificate Number:

UL-US-L501628-341916-51200202-2

Report Reference:

E501628-20200215

Issue Date:

2026-02-16

Issued to:

Pepperl+Fuchs SE
Lilienthalstrasse 200 Mannheim 68307
Germany

This certificate confirms that representative samples of:
NOIV - Auxiliary Devices for Use in Hazardous Locations

See Addendum Page for Product Designation(s).

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

UL 913, Edition 8, Issue Date 2013-12-06,
Revision Date 2022-05-10
UL 60947-1, 5th Edition, Issue Date 2013/07/31
UL 60947-5-2, 3rd Edition, Issue Date 2014/03/28

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 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.

David Piecuch
UL Mark Certification Program Owner

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.

© 2025 UL LLC. All rights reserved.
Form-ULID-019496 – ver 1.0

CERTIFICATE OF COMPLIANCE

Certificate number	UL-US-L501628-341916-51200202-2
Report reference	E501628-20200215
Date	2026-02-16

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

USL – Intrinsically safe apparatus for use in Class I, Division 1 Group A, B, C, D

NCN3 Inductive Proximity Sensor

Model(s): Type code NCN3-F25, may be followed by F, followed by –N4, may be followed by a combination of digits beginning with a hyphen and a numeric digit not relevant to construction differences, -V1 or -Y41364, may be followed by -Y with up to fifteen digits not relevant to safety characteristics. Intrinsically safe when installed in accordance with control drawing number **116-0456A.**

Model(s): Type code NCN3-F31, followed by –N4 or –N5, followed by -K, -V1, -V16 or -V18, may be followed by a combination of digits beginning with a hyphen and a numeric digit not relevant to construction differences , -K, -V1 or –V16, may be followed by -Y with up to fifteen digits not relevant to safety characteristics. Intrinsically safe when installed in accordance with control drawing number **116-0456A.**

Model(s): Type code NCN3-F31K, followed by –N4 or –N5, may be followed by -K, -V1, -B13, -B23, may be followed by –K or –V1, may be followed by S, may be followed by -Y with up to fifteen digits not relevant to safety characteristics. Intrinsically safe when installed in accordance with control drawing number **116-0456A.**

USL - Intrinsically safe apparatus for use in Class I, Division 1 Group A, B, C, D; Class II, Division 1, Group E, F, G; and Class III, Division 1

NCN3 inductive proximity sensor

Model(s): Type code NCN3-F25, may be followed by F, followed by –N4, may be followed by a combination of digits beginning with a hyphen and a numeric digit not relevant to construction differences, -V1 or -Y41364, may be followed by -Y with up to fifteen digits not relevant to safety characteristics. Intrinsically safe when installed in accordance with control drawing number **116-0456A.**

Model(s): Type code NCN3-F31–N4, followed by -K, may be followed by a combination of digits beginning with a hyphen and a numeric digit not relevant to construction differences, -K, -V1 or –V16, may be followed by -Y with up to fifteen digits not relevant to safety characteristics. Intrinsically safe when installed in accordance with control drawing number **116-0456A.**

Model(s): Type code NCN3-F31–N4, followed by -V1, -V16 or -V18, may be followed by -Y with up to fifteen digits not relevant to safety characteristics. Intrinsically safe when installed in accordance with control drawing number **116-0456A.**

Model(s): Type code NCN3-F31K-N4, may be followed by S, may be followed by -Y with up to fifteen digits not relevant to safety characteristics. Intrinsically safe when installed in accordance with control drawing number **116-0456A.**

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.

© 2025 UL LLC. All rights reserved.

UL-CA-L501628-342216-51200202-3
E501628-20200215

Certificate of Compliance

Certificate Number:
UL-CA-L501628-342216-51200202-3

Report Reference:
E501628-20200215

Issue Date:
2026-02-16

Issued to:

Pepperl+Fuchs SE
Lilienthalstrasse 200 Mannheim 68307
Germany

This certificate confirms that representative samples of:
NOIV7 - Auxiliary Devices for Use in Hazardous Locations 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.

CSA C22.2 No. 60079-0:19, 4th Ed., Issue Date: 2019-02-01
CSA C22.2 No. 60079-11:14, 2nd Ed., Issue Date: 2014-02-01
CSA C22.2 No. 60947-1, 2nd Edition, Issue Date 2013/07/31
CSA C22.2 No. 60947-5-2, 1st Edition, Issue Date 2014/03/28

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 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.

David Piecuch
UL Mark Certification Program Owner

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.

© 2025 UL LLC. All rights reserved.
Form-ULID-019496 – ver 1.0

CERTIFICATE OF COMPLIANCE

Certificate number	UL-CA-L501628-342216-51200202-3
Report reference	E501628-20200215
Date	2026-02-16

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

CNL – Intrinsically safe apparatus for use in Class I, Division 1 Group A, B, C, D

NCN3 Inductive Proximity Sensor

Model(s): Type code NCN3-F25, may be followed by F, followed by –N4, may be followed by a combination of digits beginning with a hyphen and a numeric digit not relevant to construction differences, -V1 or -Y41364, may be followed by -Y with up to fifteen digits not relevant to safety characteristics. Intrinsically safe when installed in accordance with control drawing number **116-0456A.**

Model(s): Type code NCN3-F31, followed by –N4 or –N5, followed by -K, -V1, -V16 or -V18, may be followed by a combination of digits beginning with a hyphen and a numeric digit not relevant to construction differences , -K, -V1 or –V16, may be followed by -Y with up to fifteen digits not relevant to safety characteristics. Intrinsically safe when installed in accordance with control drawing number **116-0456A.**

Model(s): Type code NCN3-F31K, followed by –N4 or –N5, may be followed by -K, -V1, -B13, -B23, may be followed by –K or –V1, may be followed by S, may be followed by -Y with up to fifteen digits not relevant to safety characteristics. Intrinsically safe when installed in accordance with control drawing number **116-0456A.**

CNL - Intrinsically safe apparatus for use in Class I, Division 1 Group A, B, C, D; Class II, Division 1, Group E, F, G; and Class III, Division 1

NCN3 inductive proximity sensor

Model(s): Type code NCN3-F25, may be followed by F, followed by –N4, may be followed by a combination of digits beginning with a hyphen and a numeric digit not relevant to construction differences, -V1 or -Y41364, may be followed by -Y with up to fifteen digits not relevant to safety characteristics. Intrinsically safe when installed in accordance with control drawing number **116-0456A.**

Model(s): Type code NCN3-F31–N4, followed by -K, may be followed by a combination of digits beginning with a hyphen and a numeric digit not relevant to construction differences, -K, -V1 or –V16, may be followed by -Y with up to fifteen digits not relevant to safety characteristics. Intrinsically safe when installed in accordance with control drawing number **116-0456A.**

Model(s): Type code NCN3-F31–N4, followed by -V1, -V16 or -V18, may be followed by -Y with up to fifteen digits not relevant to safety characteristics. Intrinsically safe when installed in accordance with control drawing number **116-0456A.**

Model(s): Type code NCN3-F31K-N4, may be followed by S, may be followed by -Y with up to fifteen digits not relevant to safety characteristics. Intrinsically safe when installed in accordance with control drawing number **116-0456A.**

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.

© 2025 UL LLC. All rights reserved.

UL-US-L501628-352316-51200202-3
E501628-20200215

Certificate of Compliance

Certificate Number:
UL-US-L501628-352316-51200202-3

Report Reference:
E501628-20200215

Issue Date:
2026-02-16

Issued to:

Pepperl+Fuchs SE
Lilienthalstrasse 200 Mannheim 68307
Germany

This certificate confirms that representative samples of:
NWFN - Auxiliary Devices for Use in Zone Classified Hazardous Locations

See Addendum Page for Product Designation(s).

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

UL 60079-0, Edition 7, Issue Date 2019-03-26,
Revision Date 2024-07-19,
UL 60079-11, Edition: 6, Issue Date: 2013-02-15,
Revision Date: 2023-01-25
UL 60947-1, 5th Edition, Issue Date 2013/07/31
UL 60947-5-2, 3rd Edition, Issue Date 2014/03/28

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 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.

David Piecuch
UL Mark Certification Program Owner

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.

© 2025 UL LLC. All rights reserved.
Form-ULID-019496 – ver 1.0

CERTIFICATE OF COMPLIANCE

Certificate number	UL-US-L501628-352316-51200202-3
Report reference	E501628-20200215
Date	2026-02-16

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

USL - Class I, Zone 0, AEx ia IIC

NCN3 Inductive Proximity Sensor

Model(s): Type code NCN3-F25, may be followed by F, followed by –N4, may be followed by a combination of digits beginning with a hyphen and a numeric digit not relevant to construction differences, -V1 or -Y41364, may be followed by -Y with up to fifteen digits not relevant to safety characteristics. Intrinsically safe when installed in accordance with control drawing number **116-0456A.**

Model(s): Type code NCN3-F31, followed by –N4 or –N5, followed by -K, -V1, -V16 or -V18, may be followed by a combination of digits beginning with a hyphen and a numeric digit not relevant to construction differences , -K, -V1 or –V16, may be followed by -Y with up to fifteen digits not relevant to safety characteristics. Intrinsically safe when installed in accordance with control drawing number **116-0456A.**

Model(s): Type code NCN3-F31K, followed by –N4 or –N5, may be followed by -K, -V1, -B13, -B23, may be followed by –K or –V1, may be followed by S, may be followed by -Y with up to fifteen digits not relevant to safety characteristics. Intrinsically safe when installed in accordance with control drawing number **116-0456A.**

USL - Class I, Zone 0, AEx ia IIC; Zone 20 AEx ia IIIC

NCN3 inductive proximity sensor

Model(s): Type code NCN3-F25, may be followed by F, followed by –N4, may be followed by a combination of digits beginning with a hyphen and a numeric digit not relevant to construction differences, -V1 or -Y41364, may be followed by -Y with up to fifteen digits not relevant to safety characteristics. Intrinsically safe when installed in accordance with control drawing number **116-0456A.**

Model(s): Type code NCN3-F31–N4, followed by -K, may be followed by a combination of digits beginning with a hyphen and a numeric digit not relevant to construction differences, -K, -V1 or –V16, may be followed by -Y with up to fifteen digits not relevant to safety characteristics. Intrinsically safe when installed in accordance with control drawing number **116-0456A.**

Model(s): Type code NCN3-F31–N4, followed by -V1, -V16 or -V18, may be followed by -Y with up to fifteen digits not relevant to safety characteristics. Intrinsically safe when installed in accordance with control drawing number **116-0456A.**

Model(s): Type code NCN3-F31K-N4, may be followed by S, may be followed by -Y with up to fifteen digits not relevant to safety characteristics. Intrinsically safe when installed in accordance with control drawing number **116-0456A.**

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.

© 2025 UL LLC. All rights reserved.

UL-CA-L501628-352616-51200202-3
E501628-20200215

Certificate of Compliance

Certificate Number:

UL-CA-L501628-352616-51200202-3

Report Reference:

E501628-20200215

Issue Date:

2026-02-16

Issued to:

Pepperl+Fuchs SE
Lilienthalstrasse 200 Mannheim 68307
Germany

This certificate confirms that representative samples of:

NWFN7 - Auxiliary Devices for Use in Zone Classified Hazardous Locations 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.

CSA C22.2 No. 60079-0:19, 4th Ed., Issue Date: 2019-02-01,
CSA C22.2 No. 60079-11:14, 2nd Ed., Issue Date: 2014-02-01
CSA C22.2 No. 60947-1, 2nd Edition, Issue Date 2013/07/31
CSA C22.2 No. 60947-5-2, 1st Edition, Issue Date 2014/03/28

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 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.

David Piecuch
UL Mark Certification Program Owner

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.

© 2025 UL LLC. All rights reserved.
Form-ULID-019496 – ver 1.0

CERTIFICATE OF COMPLIANCE

Certificate number	UL-CA-L501628-352616-51200202-3
Report reference	E501628-20200215
Date	2026-02-16

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

CNL - Ex ia IIC Ga

NCN3 Inductive Proximity Sensor

Model(s): Type code NCN3-F25, may be followed by F, followed by –N4, may be followed by a combination of digits beginning with a hyphen and a numeric digit not relevant to construction differences, -V1 or -Y41364, may be followed by -Y with up to fifteen digits not relevant to safety characteristics. Intrinsically safe when installed in accordance with control drawing number **116-0456A.**

Model(s): Type code NCN3-F31, followed by –N4 or –N5, followed by -K, -V1, -V16 or -V18, may be followed by a combination of digits beginning with a hyphen and a numeric digit not relevant to construction differences , -K, -V1 or –V16, may be followed by -Y with up to fifteen digits not relevant to safety characteristics. Intrinsically safe when installed in accordance with control drawing number **116-0456A.**

Model(s): Type code NCN3-F31K, followed by –N4 or –N5, may be followed by -K, -V1, -B13, -B23, may be followed by –K or –V1, may be followed by S, may be followed by -Y with up to fifteen digits not relevant to safety characteristics. Intrinsically safe when installed in accordance with control drawing number **116-0456A.**

CNL - Ex ia IIC Ga; Ex ia IIIC Da

NCN3 inductive proximity sensor

Model(s): Type code NCN3-F25, may be followed by F, followed by –N4, may be followed by a combination of digits beginning with a hyphen and a numeric digit not relevant to construction differences, -V1 or -Y41364, may be followed by -Y with up to fifteen digits not relevant to safety characteristics. Intrinsically safe when installed in accordance with control drawing number **116-0456A.**

Model(s): Type code NCN3-F31–N4, followed by -K, may be followed by a combination of digits beginning with a hyphen and a numeric digit not relevant to construction differences, -K, -V1 or –V16, may be followed by -Y with up to fifteen digits not relevant to safety characteristics. Intrinsically safe when installed in accordance with control drawing number **116-0456A.**

Model(s): Type code NCN3-F31–N4, followed by -V1, -V16 or -V18, may be followed by -Y with up to fifteen digits not relevant to safety characteristics. Intrinsically safe when installed in accordance with control drawing number **116-0456A.**

Model(s): Type code NCN3-F31K-N4, may be followed by S, may be followed by -Y with up to fifteen digits not relevant to safety characteristics. Intrinsically safe when installed in accordance with control drawing number **116-0456A.**

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.

© 2025 UL LLC. All rights reserved.