



Addendum to the operating instructions



Explosion-protected AC motors

EDR..71 – 315, EDRN63 – 315

EU declaration of conformity



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1 Purpose

This document contains EU declarations of conformity according to 2014/34/EU regarding the motor series EDRS.., EDRE.. and EDRN...

2 Declarations of conformity

2.1 EDRN.. /2G, /2D

EU Declaration of Conformity



Translation of the original text

902450517/EN

SEW-EURODRIVE GmbH & Co KG

Ernst-Blickle-Str. 42, 76646 Bruchsal

declares under sole responsibility that the following products

Motors of the series EDRN63.. – EDRN315..

Variant /2GD
/2D
/2G

Designation II2G Ex eb IIB T2 Gb
II2G Ex eb IIC T2 Gb
II2G Ex eb IIB T3 Gb
II2G Ex eb IIC T3 Gb
II2G Ex eb IIB T4 Gb
II2G Ex eb IIC T4 Gb
II2D Ex tb IIC T120°C Db
II2D Ex tb IIC T140°C Db

according to

ATEX Directive 2014/34/EU
(L 96, 29.03.2014, 309-356)

ErP Directive 2009/125/EC 7)
(L 285, 31.10.2009, 10-35)

RoHS Directive 2011/65/EU
(L 174, 01.07.2011, 88-110)

Applied harmonized standards: EN IEC 60079-0:2018
EN 60034-1:2010+AC:2010
EN 60034-30-1:2014
EN 60079-31:2014
EN IEC 60079-7:2015+A1:2018
EN IEC 63000:2018

Other applicable standards: IEC 60034-2-1:2014

Notified body: see appendix

Third-party certificate: see appendix

7) Ecodesign Directive 2009/125/EC in combination with Regulations (EU) 2019/1781 and (EU) 2021/341.
Where applicable, motors are designated as replacement drives in accordance with (EU) No. 2019/1781.

Bruchsal 12/16/2024
Place Date

Dr. Hans Krattenmacher
Managing Director Innovation/Mechatronics

Page 1 of 2

- a) Authorized representative for issuing this declaration on behalf of the manufacturer
b) Authorized representative for compiling the technical documents

a) b)

Appendix to the EU Declaration of Conformity



Translation of the original text

902450517/EN

SEW-EURODRIVE GmbH & Co. KG**Ernst-Blickle-Straße 42, D-76646 Bruchsal**

declares under sole responsibility that the following products

Motors of the series	EDRN63.. – EDRN315..
Variant	/2GD /2D /2G

The notified body Physikalisch-Technische Bundesanstalt (PTB) with the designation number 0102 has performed EU type examinations and issued the following certificates:

Motors of the series	EU type examination certificate line operation	EU type examination certificate inverter operation
EDRN63..	PTB 19 ATEX 3002	PTB 19 ATEX 3003 X
EDRN71..	PTB 10 ATEX 3025	PTB 11 ATEX 3002 X
EDRN80..	PTB 10 ATEX 3026	PTB 11 ATEX 3003 X
EDRN90..	PTB 10 ATEX 3027	PTB 11 ATEX 3005 X
EDRN100..	PTB 10 ATEX 3028	PTB 11 ATEX 3000 X
EDRN112..	PTB 10 ATEX 3029	PTB 11 ATEX 3006 X
EDRN132..	PTB 10 ATEX 3030	PTB 11 ATEX 3007 X
EDRN160..	PTB 10 ATEX 3031	PTB 11 ATEX 3008 X
EDRN180..	PTB 10 ATEX 3032	PTB 11 ATEX 3009 X
EDRN200..	PTB 10 ATEX 3033	PTB 11 ATEX 3010 X
EDRN225..	PTB 10 ATEX 3034	PTB 11 ATEX 3011 X
EDRN250..	PTB 17 ATEX 3009	PTB 17 ATEX 3010 X
EDRN280..	PTB 17 ATEX 3011	PTB 17 ATEX 3012 X
EDRN315..	PTB 17 ATEX 3013	PTB 17 ATEX 3014 X

Bruchsal

12/16/2024

Page 2 of 2

Place

Date

Dr. Hans Krattenmacher
Managing Director Innovation/Mechatronics

a) b)

a) Authorized representative for issuing this declaration on behalf of the manufacturer

b) Authorized representative for compiling the technical documents

33348693/EN – 09/2025

2.2 EDRN.. /3GD, /3D, /3G

EU Declaration of Conformity



Translation of the original text

902010416/EN

SEW-EURODRIVE GmbH & Co KG**Ernst-Blickle-Str. 42, 76646 Bruchsal**

declares under sole responsibility that the following products

Motors of the series	EDRN63.. – EDRN315..	
If necessary, in conjunction with brake of the series	BE.. as well as for FS02 and FS11	
If necessary, in conjunction with encoder of the series	AG7./AH7./AS7./AV7./EG7./EH7./ES7./EV7./XG7./XS7./XV./AK8./AH8./EK8./AV8./EV8./EV2./XK. also in FS04 and FS11	
Variant	/3GD /3D /3G	
Designation	II 3G Ex ec IIB T3 Gc II 3G Ex ec IIC T3 Gc II 3D Ex tc IIIB T120°C Dc II 3D Ex tc IIIB T140°C Dc II 3D Ex tc IIC T120°C Dc II 3D Ex tc IIC T140°C Dc	
are in conformity with		
ATEX Directive	2014/34/EU (L 96, 29.03.2014, 309-356)	
ErP Directive	2009/125/EC (L 285, 31.10.2009, 10-35)	7)
EMC Directive	2014/30/EU (L 96, 29.03.2014, 79-106)	12)
RoHS Directive	2011/65/EU (L 174, 01.07.2011, 88-110)	
Applied harmonized standards:	EN IEC 60079-0:2018 EN IEC 60079-7:2015+A1:2018 EN 60079-31:2014 EN 60034-1:2010+AC:2010 EN 60034-30:2009 EN 61800-3:2004+A1:2012 EN IEC 63000:2018	
Other applicable standards:	EN ISO 12100:2010 EN ISO 13849-1:2015 EN 60034-30-1:2014 EN 61800-5-2:2007 EN IEC 61800-3:2018 IEC 60034-2-1:2014	

7) Ecodesign Directive 2009/125/EC in combination with Regulations (EU) 2019/1781 and (EU) 2021/341.
Where applicable, motors are designated as replacement drives in accordance with (EU) No. 2019/1781.

12) If the products fall within the scope of this Directive, the requirements of Directive 2014/30/EU are met.

Bruchsal 12/16/2024

Page 1 of 1

Place Date

Dr. Hans Krattenmacher
Managing Director Innovation/Mechatronics

a) b)

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2.3 EDRS..., EDRE.. /2GD, /2G

EU Declaration of Conformity



Translation of the original text

900891010/EN

SEW-EURODRIVE GmbH & Co KG**Ernst-Blickle-Str. 42, 76646 Bruchsal**

declares under sole responsibility that the following products

Motors of the series EDRE80.. – EDRE225..
EDRS71.. – EDRS80..

Variant /2GD
/2D
/2G

Designation II2G Ex eb IIB T3 Gb
II2G Ex eb IIC T3 Gb
II2G Ex eb IIB T4 Gb
II2G Ex eb IIC T4 Gb
II2D Ex tb IIIC T120°C Db
II2D Ex tb IIIC T140°C Db

are in conformity with

ATEX Directive 2014/34/EU
(L 96, 29.03.2014, 309-356)

ErP Directive 2009/125/EC
(L 285, 31.10.2009, 10-35)

7)

RoHS Directive 2011/65/EU
(L 174, 01.07.2011, 88-110)

Applied harmonized standards: EN IEC 60079-0:2018
EN IEC 60079-7:2015+A1:2018
EN 60079-31:2014
EN 60034-1:2010+AC:2010
EN 60034-30-1:2014
EN IEC 63000:2018

Notified body see appendix

Third-party certificate see appendix

7) According to EU Regulation No. 2019/1781, motors and drives of this series are only offered as replacement units.

Bruchsal 7/28/2023

Place Date

Dr. Hans Krattenmacher
Managing Director Innovation/Mechatronics

Page 1 of 2

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Appendix to the EU Declaration of Conformity



Translation of the original text

900891010/EN

SEW-EURODRIVE GmbH & Co. KG

Ernst-Blickle-Straße 42, D-76646 Bruchsal

declares under sole responsibility that the following products

Motors of the series	EDRE80.. – EDRE225.. EDRS71.. – EDRS80..
Variant	/2GD /2D /2G

The notified body Physikalisch-Technische Bundesanstalt (PTB) with the designation number 0102 has performed EU type examinations and issued the following certificates:

Motors of the series	EU type examination certificate line operation	EU type examination certificate in-verter operation
EDR.71..	PTB 10 ATEX 3025	PTB 11 ATEX 3002 X
EDR.80..	PTB 10 ATEX 3026	PTB 11 ATEX 3003 X
EDR.90..	PTB 10 ATEX 3027	PTB 11 ATEX 3005 X
EDR.100..	PTB 10 ATEX 3028	PTB 11 ATEX 3000 X
EDR.112..	PTB 10 ATEX 3029	PTB 11 ATEX 3006 X
EDR.132..	PTB 10 ATEX 3030	PTB 11 ATEX 3007 X
EDR.160..	PTB 10 ATEX 3031	PTB 11 ATEX 3008 X
EDR.180..	PTB 10 ATEX 3032	PTB 11 ATEX 3009 X
EDR.200..	PTB 10 ATEX 3033	PTB 11 ATEX 3010 X
EDR.225..	PTB 10 ATEX 3034	PTB 11 ATEX 3011 X

Bruchsal 7/28/2023

Place Date

Dr. Hans Krattenmacher
Managing Director Innovation/Mechatronics

Page 2 of 2

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2.4 EDRS..., EDRE.. /3GD, /3D

EU Declaration of Conformity



Translation of the original text

900861010/EN

SEW-EURODRIVE GmbH & Co KG**Ernst-Blickle-Str. 42, 76646 Bruchsal**

declares under sole responsibility that the following products

Motors of the series EDRE80.. – EDRE315..
EDRS71.. – EDRS80..

possibly in connection with brake of the series BE..

Possibly in connection with encoder of the series EH1.
EV2.
AG7., AH7., AS7., AV7.
EG7., EH7., ES7., EV7.
XG7., XS7., XV.

Variant /3GD
/3G
/3D

Designation II3G Ex ec IIB T3 Gc
II3G Ex ec IIC T3 Gc
II3D Ex tc IIB T120°C Dc
II3D Ex tc IIB T140°C Dc
II3D Ex tc IIC T120°C Dc
II3D Ex tc IIC T140°C Dc

according to

ATEX Directive 2014/34/EU
(L 96, 29.03.2014, 309-356)

ErP Directive 2009/125/EC 7)
(L 285, October 31, 2009, 10-35)

EMC Directive 2014/30/EU 12)
(L 96, 29.03.2014, 79-106)

RoHS Directive 2011/65/EU
(L 174, 01.07.2011, 88-110)

Applied harmonized standards: EN IEC 60079-0:2018
EN IEC 60079-7:2015/A1:2018
EN 60079-31:2014
EN 60034-1:2010/AC:2010
EN 60034-30-1:2014
EN 61800-3:2004/A1:2012
EN IEC 63000:2018

Other applied standards: EN IEC 61800-3:2018

7) If the products come under the area of application of this directive, the requirements of regulation (EU) No. 2019/1781 are met.

Motors of the EDRE/EDRS series are only offered as replacement units as of July 2021.

12) Products that are covered by this Directive meet the requirements of Directive 2014/30/EU.

Bruchsal 1/25/2021  Page 1 of 1
Place Date Dr. Hans Krattenmacher
Managing Director Innovation/Mechatronics a) b)

- a) Authorized representative for issuing this declaration on behalf of the manufacturer
b) Authorized representative for compiling the technical documents

2.5 Forced cooling fan /VE



EU-Konformitätserklärung EU-Declaration of Conformity

WISTRO Elektro-Mechanik GmbH
Berliner Allee 29-31, 30855 Langenhagen

Produkt: Fremdlüftungsaggregate Typ B20-...-IL/... bis Typ H40-...-IL/...

Gruppe: II

Kategorie: 3DG

WISTRO erklärt die Übereinstimmung des o.a. Produktes mit
folgenden Richtlinien: 2014/34/EU

Angewandte Normen: EN 60034-1:2010 + Cor.:2010, EN 14986:2024, EN IEC 60079-0:2018,
EN 60079-7:2015, EN 60079-31:2014

WISTRO trägt für die Ausstellung dieser EU-Konformitätserklärung die alleinige
Verantwortung. Die Erklärung ist keine Zusicherung im Sinne der Produkthaftung.

Product: Forced ventilation units IL type B20-...-IL/... to type H40-...-IL/...

Group: II

Category: 3DG

WISTRO herewith declares the conformity of a. m. product with
following directive: 2014/34/EU

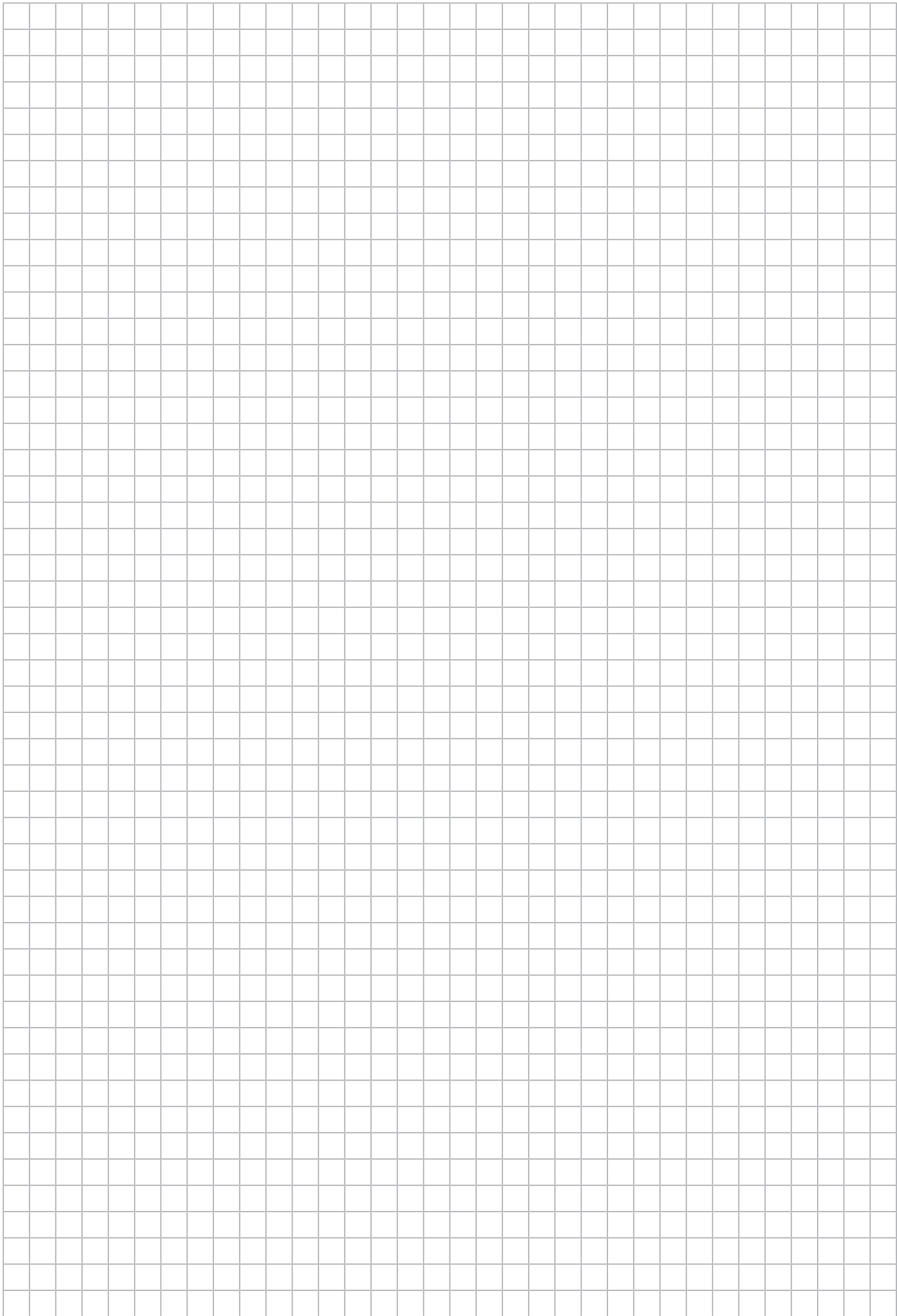
Applied standards: EN 60034-1:2010 + Cor.:2010, EN 14986:2024, EN IEC 60079-0:2018,
EN 60079-7:2015, EN 60079-31:2014

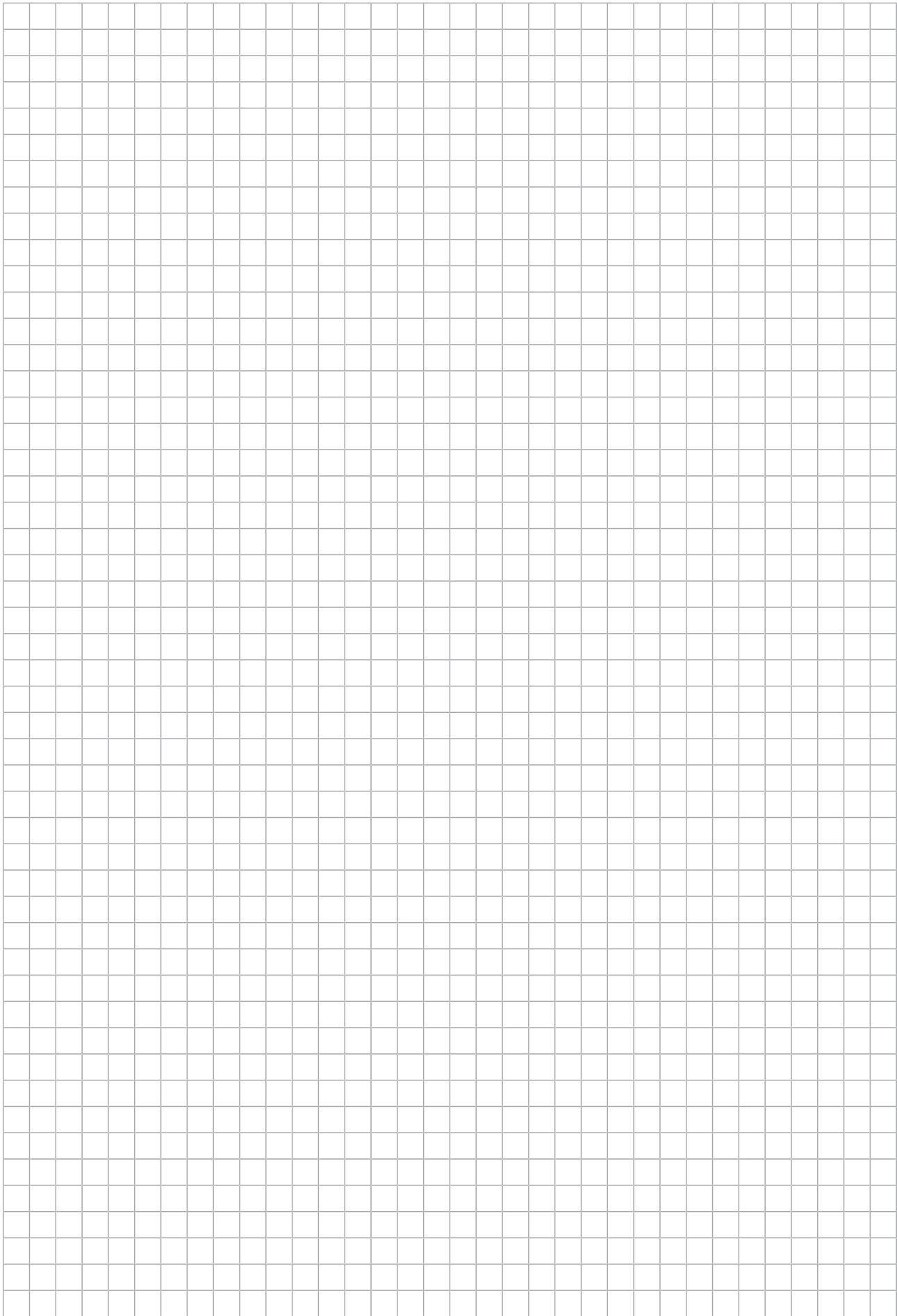
WISTRO has the sole responsibility for issuing this EU declaration of conformity.
This declaration is not an assurance as defined by product liability.

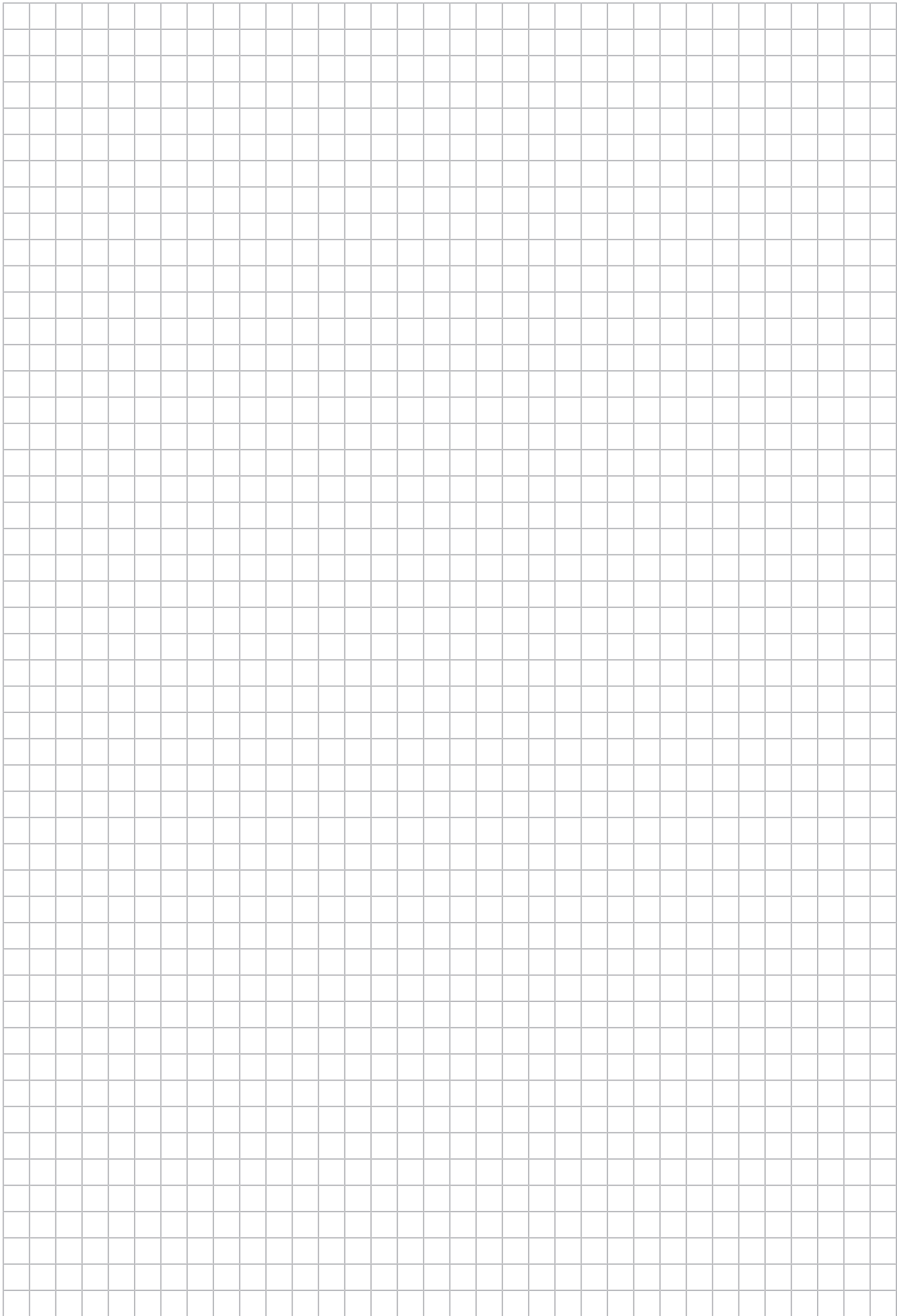
Langenhagen, 10.02.2025

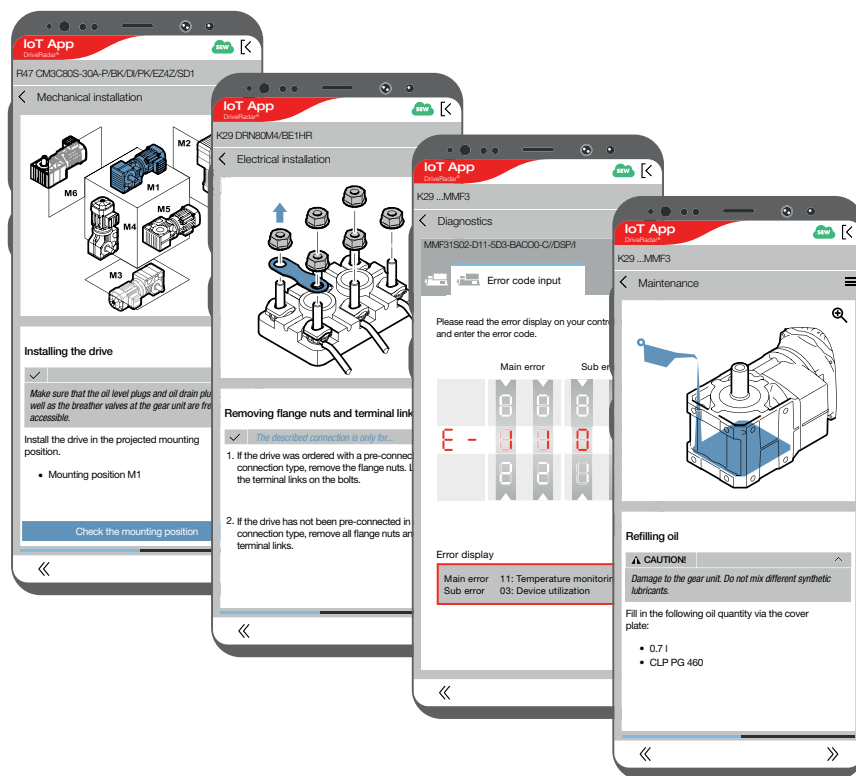
H.Strohmeier – Technical Manager

Atex_Ko_kategorie.3DG_10.02.2025_DE.doc









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