



SEW
EURODRIVE

Addendum to the Operating Instructions



Explosion-Protected Gear Units
R..., F..., K..., S..., SPIROPLAN® W.. Series
UKCA Ex Certification



1 General information

This document is an addendum to the assembly and operating instructions "Explosion-Protected Gear Unit Series R.., F.., K.., S.., SPIROPLAN® W.." and contains the following additional information:

- Nameplate and declarations of conformity UKCA Ex

2 UKCA certification

Nameplate

SEW-EURODRIVE
76646 Bruchsal/Germany
SA77/II2GD EDRN90S4/2GD/KCC/AL
01.01234567890.0001.21
na r/min 154
Ma Nm 64
Fra max N 11000
II 2G Ex h IIC T4 Gb
II 2D Ex h IIIC T120°C Db
CLP HC 460 Synth.Öl/1.8 l

CE

Ex

UK
CA

ne max r/min 1455
Me max Nm 7.2
Ta -20...+40°C
i 9,44
kg 65.022
Fb 11.0
IP 65
IM M1A
Made in Germany

35559772427

[1] UKCA marking

	The UKCA mark states the compliance with the following British guidelines: • Electrical Equipment (Safety) Regulations 2016 S.I. 2016 No. 1101 • Electromagnetic Compatibility Regulations 2016 S.I. 2016 No. 1091 • Equipment and Protective Systems Intended for use in Potentially Explosive Atmospheres Regulations 2016 S.I. 2016 No. 1101 • Supply of Machinery (Safety) Regulations 2008 S.I. 2008 No. 1597 • The Ecodesign for Energy-Related Products Regulations 2021 S.I. 2021 No. 745 • The Restriction of the Use of Certain Hazardous Substances in Electrical and Electronic Equipment Regulations 2012 S.I. 2012 No. 3032
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Declarations of conformity

UK Declaration of Conformity



Original text

900580810/UK

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

Authorised representative^{b)}:
SEW-EURODRIVE Ltd
DeVilliers Way
Normanton
West Yorkshire
WF6 1GX

declares under sole responsibility that the following products

Gear units of the series	R..
	F..
	K..
	S..
	W..
	S..7p
Optionally with mount-on components of the series	AR..
	AM..
	AMS..
	AQ..
	AQS..
	AL..
variant	AD..
	/II3GD
	/II3G
	/II3D
Category	3G
	3D
Designation	Ex h IIC T4 Gc or
	Ex h IIC T4 Gc X or
	Ex h IIIC T120 °C Dc or
	Ex h IIIC T120 °C Dc X

are in conformity with

The Equipment and Protective Systems Intended for Use in Potentially Explosive Atmospheres Regulations 2016	S.I. 2016 No. 1107
Applied designated standards:	EN ISO 80079-36:2016
	EN ISO 80079-37:2016
Other applied standards:	EN 60529:1991/A2:2013/AC:2019-02

15) This classification of the temperature class / surface temperature is an example. The order-specific Ex identification can be found on the nameplate.

Bruchsal	01/09/2021		Page 1 of 1
Place	Date	Dr. Jörg Hermes Managing Director Innovation/Mechanics	a)
a) Authorised for issuing this declaration on behalf of the manufacturer			
b) Authorised for compiling the technical documents			

27776271/EN – 03/2022

UK Declaration of Conformity



Original text

900610810/UK

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

Authorised representative^{b)}:
SEW-EURODRIVE Ltd
DeVilliers Way
Normanton
West Yorkshire
WF6 1GX

declares under sole responsibility that the following products

Gear units of the series

R..
 F..
 K..
 S..
 S..7p
 W..

optionally with mount-on components of the series

AM..
 AMS..
 AQ..
 AQS..
 AL..
 AD..
 AR..

variant

/II2GD
 /II2G
 /II2D

Category

2G
 2D

Designation

Ex h IIC T4 Gb
 Ex h IIC T4 Gb X
 Ex h IIIC T120 °C Db
 Ex h IIIC T120 °C Db X

15)

are in conformity with

**The Equipment and Protective Systems
 Intended for Use in Potentially Explosive
 Atmospheres Regulations 2016**

S.I. 2016 No. 1107

Applied designated standards:

EN ISO 80079-36:2016
 EN ISO 80079-37:2016

Other applied standards:

EN 60529:1991/A2:2013/AC:2019-02

2) SEW-EURODRIVE lodges the documents required in accordance with S.I. 2016 No. 1107, Appendix VIII with the approved body: FSA GmbH, EU-indentification number: 0588.

15) This classification of the temperature class / surface temperature is an example. The order-specific Ex identification can be found on the nameplate.

Bruchsal

01/09/2021

Page 1 of 1

Place

Date

Dr. Jörg Hermes
 Managing Director Innovation/Mechanics

a)

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UK Declaration of Conformity



Original text

901480512/UK

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

Authorised representative^{b)}:
SEW-EURODRIVE Ltd
DeVilliers Way
Normanton
West Yorkshire
WF6 1GX

declares under sole responsibility that the following products

Gearmotors, consisting of

Gear units of the series
and combinations of these gear units

R..
 F..
 K..
 S..
 W..
 VU..
 VZ..
 S..7p

with attached motor of the series

BD..
 CD..

Category

2G
 2D
 3G
 3D

Designation

II2G Ex h IIC T4 Gb
 II2G Ex h IIC T4 Gb X
 II3D Ex h IIC T120°C Db
 II3D Ex h IIC T120°C Db X
 II3G Ex h IIC T4 Gc
 II3G Ex h IIC T4 Gc X
 II3D Ex h IIC T120°C Dc
 II3D Ex h IIC T120°C Dc X

are in conformity with

The Equipment and Protective Systems
Intended for Use in Potentially Explosive
Atmospheres Regulations 2016

S.I. 2016 No. 1107

2)

The Restriction of the Use of Certain
Hazardous Substances in Electrical and
Electronic Equipment Regulations 2012

S.I. 2012 No. 3032

Applied designated standards:

EN ISO 80079-36:2016
 EN ISO 80079-37:2016
 EN 60034-1:2010/AC:2010
 EN IEC 60079-0:2018
 EN IEC 60079-7:2015/A1:2018
 EN 60079-15:2010
 EN 60079-31:2014
 EN IEC 63000:2018

2) SEW-EURODRIVE lodges the documents required in accordance with S.I. 2016 No. 1107, Appendix VIII with the approved body:
 FSA GmbH, EU-indentification number: 0588.

Bruchsal

01/09/2021

Page 1 of 1

Place

Date

Dr. Jörg Hermes

Managing Director Innovation/Mechanics

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UK Declaration of Conformity

Original text

SEW-EURODRIVE GmbH & Co KG

Ernst-Blickle-Str. 42, 76646 Bruchsal, Germany

SEW
EURODRIVE

901070416/UK

Authorised representative^{b)}:

SEW-EURODRIVE Ltd

DeVilliers Way

Normanton

West Yorkshire

WF6 1GX

declares under sole responsibility that the following products

Gearmotors, consisting of

**Gear units of the series
and combinations of these gear units**

R..
F..
K..
S..
W..
PS.F..
BS.F..
D.., DF..
VU..
VZ..
S..7p

with attached motor of the series

EDR..
EDRN..
CMP..

Category

2G
2D
3G
3D

8)

Designation

II2G Ex h IIC T4 Gb
II2G Ex h IIC T4 Gb X
II2D Ex h IIC T120 °C Db
II2D Ex h IIC T120 °C Db X
II3G Ex h IIC T4 Gc
II3G Ex h IIC T4 Gc X
II3D Ex h IIC T120°C Dc
II3D Ex h IIC T120°C Dc X

Bruchsal

01/09/2021



Page 1 of 2

Place

Date

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27776271/EN – 03/2022

UK Declaration of Conformity



Original text

SEW-EURODRIVE GmbH & Co KG**Ernst-Blickle-Str. 42, 76646 Bruchsal, Germany****901070416/UK**Authorised representative^{b)}:**SEW-EURODRIVE Ltd****DeVilliers Way****Normanton****West Yorkshire****WF6 1GX**

are in conformity with

**The Equipment and Protective Systems
Intended for Use in Potentially Explosive
Atmospheres Regulations 2016**

S.I. 2016 No. 1107**2)**

**The Restriction of the Use of Certain
Hazardous Substances in Electrical and
Electronic Equipment Regulations 2012**

S.I. 2012 No. 3032**Applied designated standards:****EN ISO 80079-36:2016****EN ISO 80079-37:2016****EN 60034-1:2010/AC:2010****EN IEC 60079-0:2018****EN IEC 60079-7:2015/A1:2018****EN 60079-15:2010****EN 60079-31:2014****EN IEC 63000:2018**

2) SEW-EURODRIVE lodges the documents required in accordance with S.I. 2016 No. 1107, Appendix VIII with the approved body:
FSA GmbH, EU-indentification number: 0588.

8) The gear unit with mounted motor constitutes the gearmotor unit for the category designated on the nameplate.

Bruchsal

01/09/2021

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Place

Date

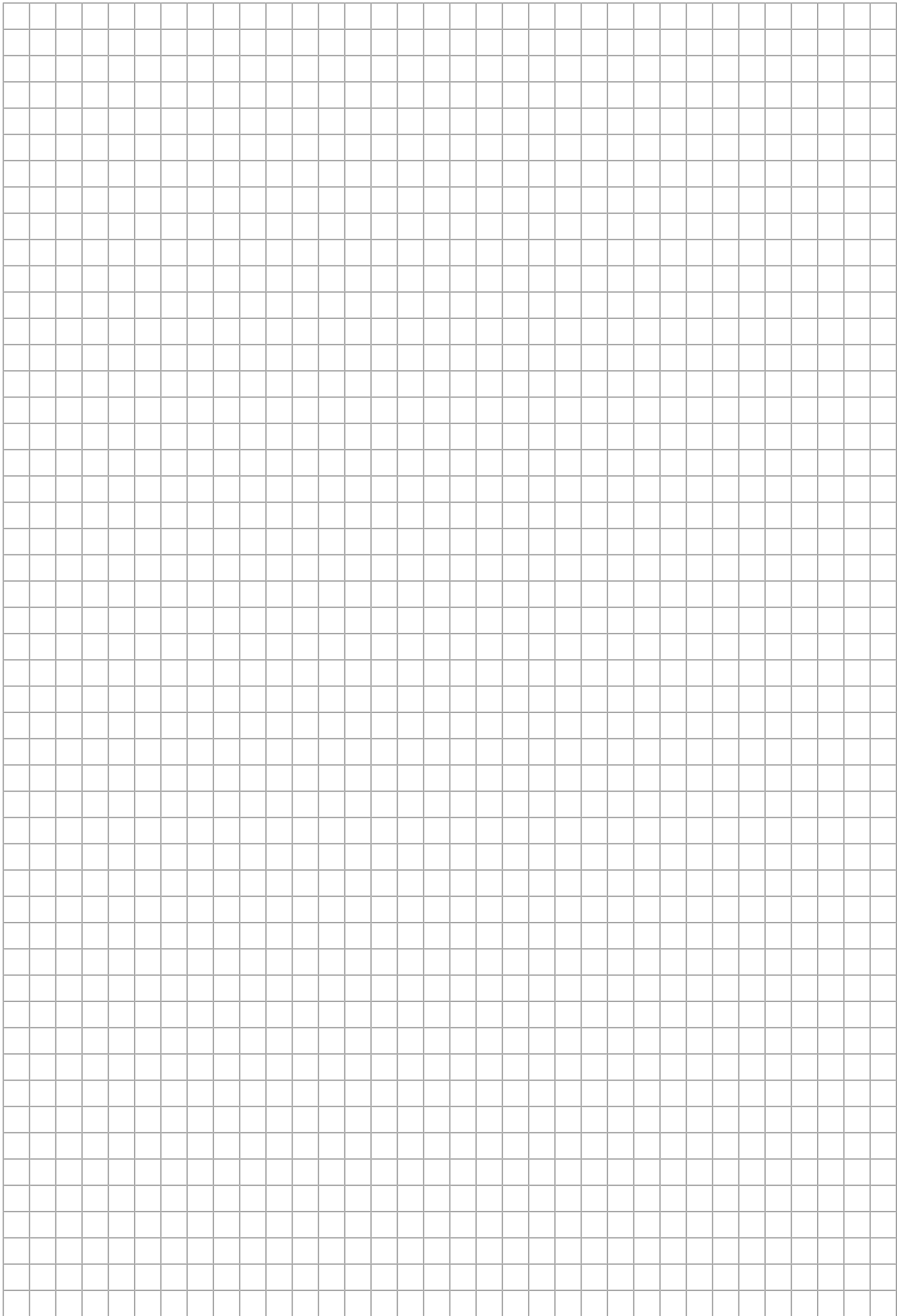
Dr. Jörg Hermes

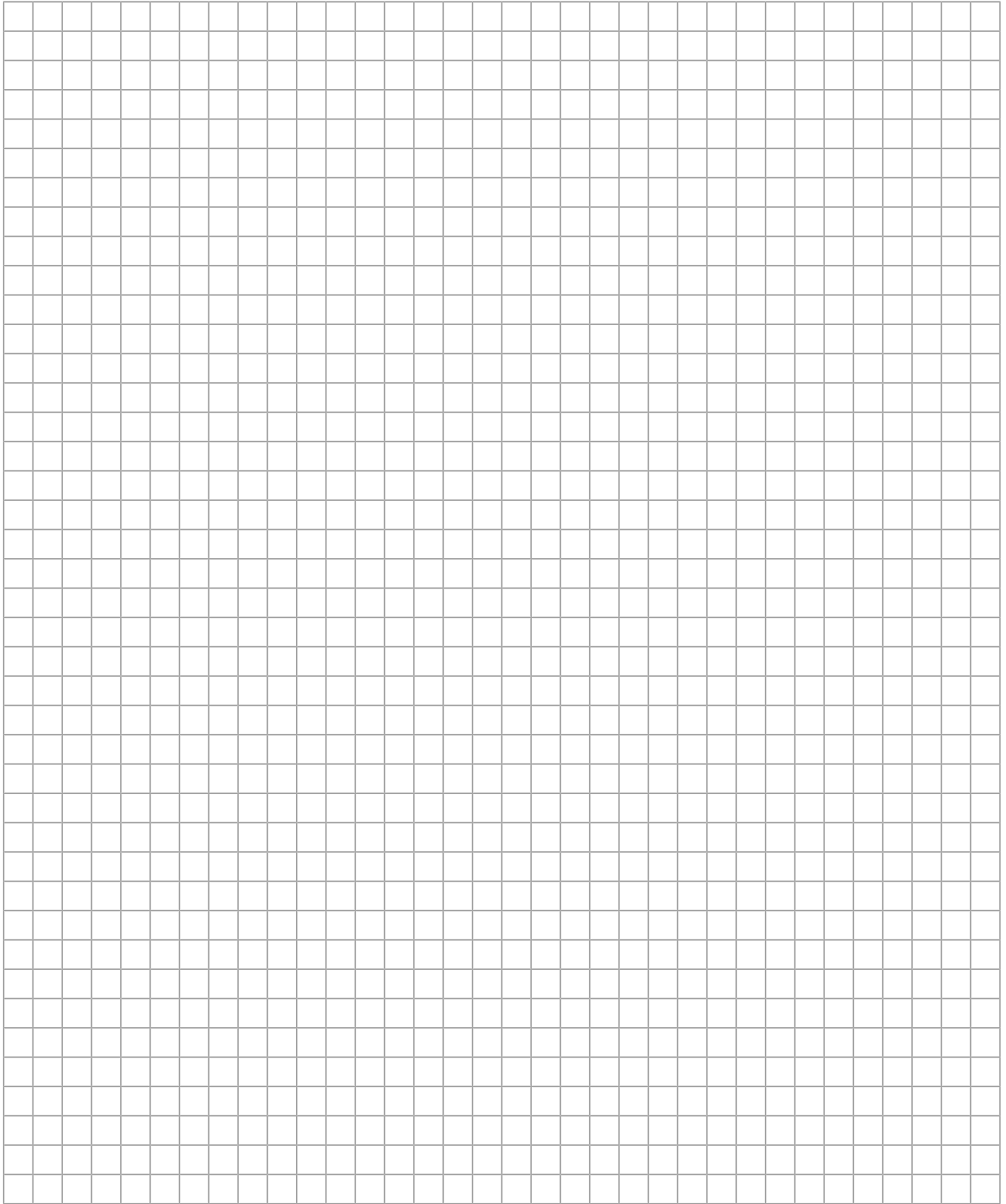
Managing Director Innovation/Mechanics

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b) Authorised for compiling the technical documents







SEW-EURODRIVE
Driving the world

SEW
EURODRIVE

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