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Industrial communication networks - Profiles - Part 5-3: Installation of fieldbuses - Installation profiles for CPF 3 (IEC 61784-5-3:2018)

Industrielle Kommunikationsnetze - Profile - Teil 5-3: Feldbusinstallation - Installationsprofile für die Kommunikationsprofilfamilie 3 (IEC 61784-5-3:2018)

Réseaux de communication industriels - Profils - Partie 5-3: Installation des bus de terrain - Profils d'installation pour CPF 3 (IEC 61784-5-3:2018)

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Installation des bus de terrain - Profils d'installation pour
CPF 3
(IEC 61784-5-3:2018)

Industrielle Kommunikationsnetze - Profile - Teil 5-3:
Feldbusinstallation - Installationsprofile für die
Kommunikationsprofilfamilie 3
(IEC 61784-5-3:2018)

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EN IEC 61784-5-3:2018 (E)**European foreword**

The text of document 65C/924/FDIS, future edition 4 of IEC 61784-5-3, prepared by SC 65C "Industrial networks" of IEC/TC 65 "Industrial-process measurement, control and automation" was submitted to the IEC-CENELEC parallel vote and approved by CENELEC as EN IEC 61784-5-3:2018.

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- latest date by which the national standards conflicting with the document have to be withdrawn (dow) 2021-10-04

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Annex ZA (normative)

Normative references to international publications with their corresponding European publications

The following documents are referred to in the text in such a way that some or all of their content constitutes requirements of this document. For dated references, only the edition cited applies. For undated references, the latest edition of the referenced document (including any amendments) applies.

NOTE 1 Where an International Publication has been modified by common modifications, indicated by (mod), the relevant EN/HD applies.

NOTE 2 Up-to-date information on the latest versions of the European Standards listed in this annex is available here: www.cenelec.eu.

<u>Publication</u>	<u>Year</u>	<u>Title</u>	<u>EN/HD</u>	<u>Year</u>
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INTERNATIONAL STANDARD



**Industrial communication networks – Profiles –
Part 5-3: Installation of fieldbuses – Installation profiles for CPF 3**

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CONTENTS

FOREWORD.....	7
INTRODUCTION.....	9
1 Scope.....	10
2 Normative references	10
3 Terms, definitions and abbreviated terms	10
4 CPF 3: Overview of installation profiles	10
5 Installation profile conventions	11
6 Conformance to installation profiles.....	11
Annex A (normative) CP 3/1 (PROFIBUS) specific installation profile.....	13
A.1 Installation profile scope.....	13
A.2 Normative references	13
A.3 Installation profile terms, definitions, and abbreviated terms.....	13
A.3.1 Terms and definitions.....	13
A.3.2 Abbreviated terms.....	14
A.3.3 Conventions for installation profiles	14
A.4 Installation planning	14
A.4.1 General.....	14
A.4.2 Planning requirements	14
A.4.3 Network capabilities.....	16
A.4.4 Selection and use of cabling components	18
A.4.5 Cabling planning documentation	28
A.4.6 Verification of cabling planning specification.....	28
A.5 Installation implementation	28
A.5.1 General requirements	28
A.5.2 Cable installation	28
A.5.3 Connector installation	30
A.5.4 Terminator installation	34
A.5.5 Device installation.....	34
A.5.6 Coding and labelling	34
A.5.7 Earthing and bonding of equipment and device and shielded cabling	35
A.5.8 As-implemented cabling documentation	36
A.6 Installation verification and installation acceptance test.....	36
A.6.1 General.....	36
A.6.2 Installation verification	36
A.6.3 Installation acceptance test.....	38
A.7 Installation administration.....	43
A.8 Installation maintenance and installation troubleshooting.....	43
Annex B (normative) CP 3/2 (PROFIBUS) specific installation profile.....	44
B.1 Installation profile scope.....	44
B.2 Normative references	44
B.3 Installation profile terms, definitions, and abbreviated terms.....	44
B.3.1 Terms and definitions.....	44
B.3.2 Abbreviated terms.....	45
B.3.3 Conventions for installation profiles	45

B.4	Installation planning	46
B.4.1	General.....	46
B.4.2	Planning requirements	47
B.4.3	Network capabilities.....	54
B.4.4	Selection and use of cabling components	60
B.4.5	Cabling planning documentation	75
B.4.6	Verification of cabling planning specification	75
B.5	Installation implementation	75
B.5.1	General requirements	75
B.5.2	Cable installation	75
B.5.3	Connector installation	76
B.5.4	Terminator installation	77
B.5.5	Device installation.....	77
B.5.6	Coding and labelling	77
B.5.7	Earthing and bonding of equipment and device and shielded cabling	77
B.5.8	As-implemented cabling documentation	77
B.6	Installation verification and installation acceptance test.....	77
B.6.1	General.....	77
B.6.2	Installation verification	78
B.6.3	Installation acceptance test.....	78
B.7	Installation administration.....	79
B.8	Installation maintenance and installation troubleshooting.....	79
Annex C (normative)	CP 3/3, CP 3/4, CP 3/5, CP 3/6 (PROFINET) specific installation profile.....	80
C.1	Installation profile scope.....	80
C.2	Normative references	80
C.3	Installation profile terms, definitions, and abbreviated terms.....	80
C.3.1	Terms and definitions.....	80
C.3.2	Abbreviated terms.....	80
C.3.3	Conventions for installation profiles	80
C.4	Installation planning	81
C.4.1	General.....	81
C.4.2	Planning requirements	81
C.4.3	Network capabilities.....	81
C.4.4	Selection and use of cabling components	84
C.4.5	Cabling planning documentation	106
C.4.6	Verification of cabling planning specification	106
C.5	Installation implementation	106
C.5.1	General requirements	106
C.5.2	Cable installation	106
C.5.3	Connector installation	108
C.5.4	Terminator installation	110
C.5.5	Device installation.....	110
C.5.6	Coding and labelling	110
C.5.7	Earthing and bonding of equipment and device and shielded cabling	111
C.5.8	As-implemented cabling documentation	112
C.6	Installation verification and installation acceptance test.....	112
C.6.1	General.....	112

C.6.2	Installation verification	112
C.6.3	Installation acceptance test.....	113
C.7	Installation administration.....	114
C.8	Installation maintenance and installation troubleshooting.....	114
	Bibliography.....	115
Figure 1	– Standards relationships.....	9
Figure A.1	– Recommended combination of shielding and earthing for CP 3/1 networks with RS 485-IS.....	26
Figure A.2	– Sub-D connector pin numberings (front view).....	31
Figure A.3	– 5-pin M12 female socket.....	32
Figure A.4	– 5-pin M12 male plug for CP 3/1.....	33
Figure A.5	– Test circuit A – Resistance measurement of data line B and shield.....	39
Figure A.6	– Test circuit B – Resistance measurement of data line A and shield.....	39
Figure A.7	– Test circuit C – Resistance measurement of data line A, data line B, and shield.....	39
Figure A.8	– Test circuit D – Resistance measurement between data line A and B.....	40
Figure A.9	– Resistance measurement without 9-pin Sub-D plug.....	40
Figure A.10	– Loop core resistance (cable type A).....	41
Figure A.11	– Action and resolution tree for measurement 1 (RS 485 and RS 485-IS).....	41
Figure A.12	– Action and resolution tree for measurement 2 (RS 485 and RS 485-IS).....	42
Figure A.13	– Action and resolution tree for measurement 3 (RS 485 and RS 485-IS).....	42
Figure B.1	– Connection of CP 3/1 networks.....	47
Figure B.2	– Typical fieldbus architecture.....	50
Figure B.3	– Fieldbus with stations supplied by auxiliary power sources.....	50
Figure B.4	– Fieldbus model.....	53
Figure B.5	– Current modulation (Manchester II code).....	53
Figure B.6	– Tree topology.....	55
Figure B.7	– Bus topology.....	55
Figure B.8	– Combination of the tree topology and the bus topology.....	56
Figure B.9	– Fieldbus extension.....	56
Figure B.10	– Recommended combination of shielding and earthing.....	70
Figure B.11	– Ideal combination of shielding and earthing.....	71
Figure B.12	– Capacitive earthing.....	72
Figure B.13	– Galvanic isolated field device.....	73
Figure B.14	– Pin assignment of the male and female connectors IEC 60947-5-2 (A-coding).....	77
Figure C.1	– Definition of End-to-end link.....	101
Figure C.2	– End-to-end link without interconnections.....	101
Figure C.3	– Assembled End-to-end link.....	101
Figure C.4	– Connectionless optical fibre link.....	102
Figure C.5	– Assembled optical fibre link.....	102
Figure C.6	– Shielded connectors for CP 3/3, CP 3/4, CP 3/5 and CP 3/6 fieldbus networks.....	108
Figure C.7	– Pin-assignment for a straight cable.....	109

Table A.1 – Excerpt of MICE definition.....	16
Table A.2 – Basic network characteristics for balanced cabling not based on Ethernet (ISO/IEC 8802-3).....	17
Table A.3 – Network characteristics for optical fibre cabling.....	18
Table A.4 – Information relevant to copper cable: fixed cables.....	19
Table A.5 – Information relevant to optical fibre cables.....	20
Table A.6 – Connectors for copper cabling CPs not based on Ethernet.....	21
Table A.7 – Optical fibre connecting hardware.....	21
Table A.8 – Relationship between FOC and fibre types (CP 3/1).....	21
Table A.9 – Parameters for balanced cables.....	29
Table A.10 – Parameters for silica optical fibre cables.....	29
Table A.11 – Parameters for POF optical fibre cables.....	29
Table A.12 – Parameters for hard clad silica optical fibre cables.....	30
Table A.13 – Use of 9 pin Sub-D connector pins (RS 485).....	31
Table A.14 – Use of 9 pin Sub-D connector pins (RS 485-IS).....	32
Table A.15 – Use of M12 connector pins (RS 485).....	33
Table A.16 – Use of M12 connector pins (RS 485-IS).....	34
Table A.17 – Maximum fibre channel attenuation for CP 3/1 (PROFIBUS).....	43
Table B.1 – Valid parameter range of the FISCO model for use as EEx ib IIC / IIB.....	51
Table B.2 – Valid parameter range of the FISCO model for use as EEx ia IIC.....	52
Table B.3 – Power supply (operational values).....	58
Table B.4 – Line lengths which can be achieved.....	58
Table B.5 – Limit values for distortion, reflection and signal delay.....	59
Table B.6 – Recommended maximum cable lengths including spurs.....	59
Table B.7 – Recommended length of the spurs.....	60
Table B.8 – Maximum length of the splices.....	60
Table B.9 – Information relevant to copper cable: fixed cables.....	61
Table B.10 – Safety limit values for the fieldbus cable.....	62
Table B.11 – Connectors for copper cabling CPs not based on Ethernet.....	63
Table B.12 – Mixing devices from different categories.....	65
Table B.13 – Electrical characteristics of fieldbus interfaces.....	66
Table B.14 – Recommended data sheet specifications for CP 3/2 devices.....	67
Table B.15 – Parameters for balanced cables.....	75
Table B.16 – Contact assignments for the external connector for harsh industrial environments.....	76
Table C.1 – General transmission media selection information.....	82
Table C.2 – Network characteristics for balanced cabling based on Ethernet (ISO/IEC 8802-3).....	83
Table C.3 – Network characteristics for optical fibre cabling.....	83
Table C.4 – Information relevant to copper cable: CP 3/3, CP 3/4, CP 3/5 and CP 3/6 type A fixed cables.....	85
Table C.5 – Information relevant to copper cable: CP 3/3, CP 3/4, CP 3/5 and CP 3/6 type B flexible cables.....	86

Table C.6 – Information relevant to copper cable: CP 3/3, CP 3/4, CP 3/5 and CP 3/6 type C special cables	87
Table C.7 – Information relevant to copper cable: CP 3/3, CP 3/4, CP 3/5 and CP 3/6 of cabinet cord sets	88
Table C.8 – Requirement data cable inside and outside cabinet: CP 3/3, CP 3/4, CP 3/5 and CP 3/6 type B flexible cables	89
Table C.9 – Requirement to copper cable inside and outside cabinet: CP 3/3, CP 3/4, CP 3/5 and CP 3/6 type B flexible cables	90
Table C.10 – Information relevant to optical fibre cables	91
Table C.11 – Requirements for plastic and hard clad silica optical fibre cables	91
Table C.12 – Requirements for glass multimode optical fibre cables	93
Table C.13 – Requirements for glass singlemode optical fibre cables	94
Table C.14 – Requirements of industrial FO-cord sets	95
Table C.15 – Standard of test of industrial FO-cord sets	96
Table C.16 – Information relevant to hybrid cables (application type B)	96
Table C.17 – Information relevant to hybrid cables (application type C)	97
Table C.18 – Connectors for balanced cabling CPs based on Ethernet	99
Table C.19 – Connectors for balanced cabling CPs not based on Ethernet	99
Table C.20 – Connectors for balanced cabling CPs based on Ethernet	99
Table C.21 – Optical fibre connecting hardware	100
Table C.22 – Relationship between FOG and fibre types (CP 3/3, CP 3/4, CP 3/5, CP3/6)	100
Table C.23 – Typical fibre channels common for industrial applications.	103
Table C.24 – Parameters for balanced cables	107
Table C.25 – Parameters for silica optical fibre cables	107
Table C.26 – Parameters for POF optical fibre cables	107
Table C.27 – Parameters for hard clad silica optical fibre cables	108
Table C.28 – Colour coding of 2 pair cabling for CP 3/3, CP 3/4, CP 3/5 and CP 3/6 connectors	109
Table C.29 – Colour coding of 4 pair cabling for CP 3/3, CP 3/4, CP 3/5 and CP 3/6 connectors	109
Table C.30 – Contact arrangement M12 2 pair to M12 4 pair for CP 3/3, CP 3/4, CP 3/5 and CP 3/6 connectors	110
Table C.31 – Maximum fibre channel attenuation for CP 3/3, CP 3/4, CP 3/5 and CP 3/6 (PROFINET)	114

INTERNATIONAL ELECTROTECHNICAL COMMISSION

**INDUSTRIAL COMMUNICATION NETWORKS –
PROFILES –****Part 5-3: Installation of fieldbuses –
Installation profiles for CPF 3****FOREWORD**

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International Standard IEC 61784-5-3 has been prepared by subcommittee 65C: Industrial networks, of IEC technical committee 65: Industrial-process measurement, control and automation.

This fourth edition cancels and replaces the third edition published in 2013. This edition constitutes a technical revision.

This edition includes the following significant technical changes with respect to the previous edition:

- a) an addition of 4-pair cabling (see C.4.4.1.2.1 and C.5.3.2);
- b) an addition of the connector M12 X-Coding (see C.4.4.2.2);
- c) an addition of the definition of End-to-end links (see C.4.4.3.1);