



# SLOVENSKI STANDARD

## SIST EN 61800-7-203:2016

01-april-2016

Nadomešča:

SIST EN 61800-7-203:2008

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**Električni pogonski sistemi z nastavljivo hitrostjo - 7-203. del: Generični vmesnik in uporaba profilov za električne pogonske sisteme - Specifikacija za profil tipa 3**

Adjustable speed electrical power drive systems - Part 7-203: Generic interface and use of profiles for power drive systems - Profile type 3 specification

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**Ta slovenski standard je istoveten z: EN 61800-7-203:2016**

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**ICS:**

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| 29.200    | Usmerniki. Pretvorniki.<br>Stabilizirano električno<br>napajanje | Rectifiers. Convertors.<br>Stabilized power supply |
| 35.100.05 | Večslojne uporabniške<br>rešitve                                 | Multilayer applications                            |

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EUROPEAN STANDARD

**EN 61800-7-203**

NORME EUROPÉENNE

EUROPÄISCHE NORM

February 2016

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Supersedes EN 61800-7-203:2008

English Version

Adjustable speed electrical power drive systems -  
Part 7-203: Generic interface and use of profiles for power drive  
systems - Profile type 3 specification  
(IEC 61800-7-203:2015)

Entraînements électriques de puissance à vitesse variable -  
Partie 7-203: Interface générique et utilisation de profils  
pour les entraînements électriques de puissance -  
Spécification de profil de type 3  
(IEC 61800-7-203:2015)

Elektrische Leistungsantriebssysteme mit einstellbarer  
Drehzahl - Teil 7-203: Generisches Interface und Nutzung  
von Profilen für Leistungsantriebssysteme (PDS) -  
Spezifikation von Profil-Typ 3  
(IEC 61800-7-203:2015)

This European Standard was approved by CENELEC on 2015-12-25. CENELEC members are bound to comply with the CEN/CENELEC Internal Regulations which stipulate the conditions for giving this European Standard the status of a national standard without any alteration.

Up-to-date lists and bibliographical references concerning such national standards may be obtained on application to the CEN-CENELEC Management Centre or to any CENELEC member.

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European Committee for Electrotechnical Standardization  
Comité Européen de Normalisation Electrotechnique  
Europäisches Komitee für Elektrotechnische Normung

CEN-CENELEC Management Centre: Avenue Marnix 17, B-1000 Brussels

EN 61800-7-203:2016

## European foreword

The text of document 22G/309/FDIS, future edition 2 of IEC 61800-7-203, prepared by SC 22G "Adjustable speed electric drive systems incorporating semiconductor power converters" of IEC/TC 22 "Power electronic systems and equipment" was submitted to the IEC-CENELEC parallel vote and approved by CENELEC as EN 61800-7-203:2016.

The following dates are fixed:

- latest date by which the document has to be implemented at national level by publication of an identical national standard or by endorsement (dop) 2016-09-25
- latest date by which the national standards conflicting with the document have to be withdrawn (dow) 2018-12-25

This document supersedes EN 61800-7-203:2008.

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## Endorsement notice

The text of the International Standard IEC 61800-7-203:2015 was approved by CENELEC as a European Standard without any modification.

In the official version, for Bibliography, the following notes have to be added for the standards indicated:

|                       | NOTE |   |
|-----------------------|------|---|
| IEC 61158:2014 Series | NOTE | Harmonized as EN 61158:2014 Series                          |
| IEC 61499-1:2005      | NOTE | Harmonized as EN 61499-1:2005 <sup>1)</sup> (not modified). |
| IEC 61784-1           | NOTE | Harmonized as EN 61784-1.                                   |
| IEC 61784-2           | NOTE | Harmonized as EN 61784-2.                                   |
| IEC 61800 Series      | NOTE | Harmonized as EN 61800 Series.                              |
| IEC 61800-7 Series    | NOTE | Harmonized as EN 61800-7 Series.                            |
| IEC 61800-7-201       | NOTE | Harmonized as EN 61800-7-201.                               |
| IEC 61800-7-202       | NOTE | Harmonized as EN 61800-7-202.                               |
| IEC 61800-7-204       | NOTE | Harmonized as EN 61800-7-204.                               |
| IEC 61800-7-301       | NOTE | Harmonized as EN 61800-7-301.                               |
| IEC 61800-7-302       | NOTE | Harmonized as EN 61800-7-302.                               |
| IEC 61800-7-304       | NOTE | Harmonized as EN 61800-7-304.                               |

<sup>1)</sup> Superseded by EN 61499-1:2013 (IEC 61499-1:2012).

## Annex ZA (normative)

### Normative references to international publications with their corresponding European publications

The following documents, in whole or in part, are normatively referenced in this document and are indispensable for its application. For dated references, only the edition cited applies. For undated references, the latest edition of the referenced document (including any amendments) applies.

NOTE 1 When 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](http://www.cenelec.eu)

| <u>Publication</u> | <u>Year</u> | <u>Title</u>  | <u>EN/HD</u>   | <u>Year</u> |
|--------------------|-------------|---|----------------|-------------|
| IEC 61158-5-3      | -           | Industrial communication networks -<br>Fieldbus specifications -<br>Part 5-3: Application layer service definition<br>- Type 3 elements   | EN 61158-5-3   | -           |
| IEC 61158-5-10     | -           | Industrial communication networks -<br>Fieldbus specifications -<br>Part 5-10: Application layer service<br>definition - Type 10 elements   | EN 61158-5-10  | -           |
| IEC 61158-6-3      | -           | Industrial communication networks -<br>Fieldbus specifications -<br>Part 6-3: Application layer protocol<br>specification - Type 3 elements   | EN 61158-6-3   | -           |
| IEC 61158-6-10     | -           | Industrial communication networks -<br>Fieldbus specifications -<br>Part 6-10: Application layer protocol<br>specification - Type 10 elements   | EN 61158-6-10  | -           |
| IEC 61800-7-1      | 2015        | Adjustable speed electrical power drive<br>systems -<br>Part 7-1: Generic interface and use of<br>profiles for power drive systems - Interface<br>definition                                | EN 61800-7-1   | 2016        |
| IEC 61800-7-303    | 2015        | Adjustable speed electrical power drive<br>systems -<br>Part 7-303: Generic interface and use of<br>profiles for power drive systems - Mapping<br>of profile type 3 to network technologies | EN 61800-7-303 | 2016        |

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Edition 2.0 2015-11

# INTERNATIONAL STANDARD

## NORME INTERNATIONALE



**Adjustable speed electrical power drive systems –  
Part 7-203: Generic interface and use of profiles for power drive systems –  
Profile type 3 specification**

**Entraînements électriques de puissance à vitesse variable –  
Partie 7-203: Interface générique et utilisation de profils pour les entraînements  
électriques de puissance – Spécification de profil de type 3**

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## CONTENTS

|  |     |
|--|-----|
| FOREWORD.....  | 10  |
| INTRODUCTION.....  | 12  |
| 0.1 General.....   | 12  |
| 0.2 Patent declaration.....                                  | 15  |
| 1 Scope.....   | 17  |
| 2 Normative references.....                                  | 17  |
| 3 Terms, definitions and abbreviated terms.....              | 17  |
| 3.1 Terms and definitions.....                               | 17  |
| 3.2 Abbreviated terms.....                                   | 22  |
| 4 General.....   | 23  |
| 4.1 Background.....  | 23  |
| 4.2 Requirements.....  | 23  |
| 4.3 Goals of the PROFIdrive Profile.....                     | 24  |
| 5 Data types.....  | 24  |
| 5.1 Data types overview.....                                 | 24  |
| 5.2 Standard data types.....                                 | 24  |
| 5.3 Profile-specific data types.....                         | 25  |
| 5.3.1 General.....   | 25  |
| 5.3.2 Normalised value: N2, N4.....                          | 26  |
| 5.3.3 Normalised value (variable normalisation): X2, X4..... | 27  |
| 5.3.4 Fixed point value: E2.....                             | 27  |
| 5.3.5 Fixed point value: C4.....                             | 28  |
| 5.3.6 Bit sequence: V2.....                                  | 28  |
| 5.3.7 Nibble: L2.....  | 29  |
| 5.3.8 Time constant: T2, T4.....                             | 29  |
| 5.3.9 Time constant: D2.....                                 | 29  |
| 5.3.10 Reciprocal time constant: R2.....                     | 30  |
| 6 Specifications.....  | 30  |
| 6.1 Integration of drives in automation systems.....         | 30  |
| 6.1.1 General.....   | 30  |
| 6.1.2 Base Model.....  | 30  |
| 6.1.3 Drive model.....                                       | 38  |
| 6.1.4 P-Device communication model.....                      | 42  |
| 6.1.5 Application Model and Application Classes.....         | 43  |
| 6.2 Parameter model.....                                     | 49  |
| 6.2.1 Parameter definition.....                              | 49  |
| 6.2.2 Global and local parameters.....                       | 61  |
| 6.2.3 Base Mode Parameter Access.....                        | 62  |
| 6.3 Drive control application process.....                   | 87  |
| 6.3.1 General Axis type Drive Object architecture.....       | 87  |
| 6.3.2 Control and status words.....                          | 90  |
| 6.3.3 Operating modes and State Machine.....                 | 97  |
| 6.3.4 DO IO Data.....  | 113 |
| 6.3.5 Dynamic Servo Control (DSC).....                       | 125 |
| 6.3.6 Position feedback interface.....                       | 130 |



|        |  |     |
|--------|--|-----|
| 6.3.7  | Periphery.....   | 152 |
| 6.3.8  | Diagnosis .....  | 152 |
| 6.3.9  | Identification.....  | 162 |
| 6.3.10 | Drive reset (power-on reset).....  | 165 |
| 6.3.11 | Operation priority of parameters and control priority .....  | 168 |
| 6.3.12 | User data reliability.....   | 169 |
| 6.3.13 | Specified DO functions for the Application Classes.....  | 174 |
| 6.4    | Parameter definition.....  | 175 |
| 6.4.1  | PROFIdrive Parameter listed by Function .....  | 175 |
| 6.4.2  | PROFIdrive Parameter listed by number .....  | 180 |
| 6.5    | Integration of Drives in Process Technology (VIK-NAMUR).....   | 188 |
| 6.5.1  | General .....  | 188 |
| 6.5.2  | Commands and Checkback Signals.....  | 189 |
| 6.5.3  | State diagrams .....   | 192 |
| 6.5.4  | Inevitable line interruption .....   | 194 |
| 6.5.5  | Forced inverter inhibit.....   | 195 |
| 6.5.6  | External interlock.....  | 196 |
| 6.5.7  | Standard telegram .....  | 196 |
|        | Bibliography.....  | 198 |
|        | Figure 1 – Structure of IEC 61800-7.....   | 15  |
|        | Figure 2 – PROFIdrive Devices and there relationship.....  | 31  |
|        | Figure 3 – General Communication Model of a PROFIdrive automation system .....                       | 32  |
|        | Figure 4 – The PROFIdrive Device (consists of one or several Functional Objects).....                | 33  |
|        | Figure 5 – Hierarchical order in the Object Model .....  | 34  |
|        | Figure 6 – PROFIdrive Base Model contains the Application Layer and Communication Layer.....         | 35  |
|        | Figure 7 – Typical use case for Clock Synchronous Operation .....                                    | 36  |
|        | Figure 8 – General model for Clock Synchronous Operation .....                                       | 37  |
|        | Figure 9 – Base Model State Machine.....   | 38  |
|        | Figure 10 – General Drive Unit model .....   | 39  |
|        | Figure 11 – General Drive Object architecture .....  | 40  |
|        | Figure 12 – Principle functional model of an Axis type Drive Object.....                             | 41  |
|        | Figure 13 – Classes of PROFIdrive P-Devices .....  | 42  |
|        | Figure 14 – Classes of PROFIdrive Drive Units.....   | 42  |
|        | Figure 15 – Overview of the available communication services between the PROFIdrive Devices .....    | 43  |
|        | Figure 16 – Application Class 1 .....  | 45  |
|        | Figure 17 – Application Class 2 .....  | 46  |
|        | Figure 18 – Application Class 3 .....  | 47  |
|        | Figure 19 – Application Class 4 .....  | 48  |
|        | Figure 20 – Application Class 5 .....  | 48  |
|        | Figure 21 – Application Class 6 .....  | 49  |
|        | Figure 22 – Example overview of global and local parameters of a Multi-Axis/Modular Drive Unit ..... | 62  |
|        | Figure 23 – Byte order for Words and Double words .....  | 64  |

|   |     |
|---|-----|
| Figure 24 – Data flow for Base Mode Parameter Access .....  | 73  |
| Figure 25 – General functional elements of the PROFIdrive Axis type DO .....  | 88  |
| Figure 26 – Functional block diagram of the PROFIdrive Axis type DO .....   | 89  |
| Figure 27 – General state diagram for all operating modes .....   | 99  |
| Figure 28 – General functionality of a PROFIdrive Axis DO with Application Class 1<br>functionality .....             | 101 |
| Figure 29 – Speed setpoint channel for use in Application Class 1 and 4 .....   | 102 |
| Figure 30 – General functionality of a PROFIdrive Axis DO with Application Class 4<br>functionality .....             | 103 |
| Figure 31 – Reduced speed setpoint channel for use in Application Class 4 (optional) .....                            | 104 |
| Figure 32 – General functionality of a PROFIdrive Axis DO with Application Class 3<br>functionality .....             | 105 |
| Figure 33 – Functionality of the Motion Controller in the Program submode .....                                       | 106 |
| Figure 34 – Functionality of the Motion Controller in the MDI submode .....   | 107 |
| Figure 35 – State diagram of the positioning mode .....   | 110 |
| Figure 36 – Homing Procedure: Home Position Set .....   | 111 |
| Figure 37 – Homing Procedure: Abortion by the controller .....  | 111 |
| Figure 38 – Traversing Task active .....  | 112 |
| Figure 39 – Change of the Traversing Tasks immediately .....  | 112 |
| Figure 40 – Example for configuring a telegram .....  | 122 |
| Figure 41 – Structure of the position control circuit based on the velocity setpoint<br>interface without DSC .....   | 126 |
| Figure 42 – Structure of the position control circuit based on the velocity setpoint<br>interface with DSC .....      | 127 |
| Figure 43 – Example of the sensor interface (Sensor-1: two actual values/Sensor-2:<br>one actual value) .....         | 131 |
| Figure 44 – Actual value format, Example 1 .....  | 135 |
| Figure 45 – Actual value format, Example 2 .....  | 135 |
| Figure 46 – Actual value format, Example 3 .....  | 135 |
| Figure 47 – Actual value format, Example 4 .....  | 136 |
| Figure 48 – Actual value format, Example 5 .....  | 136 |
| Figure 49 – Actual value format, Example 6 .....  | 136 |
| Figure 50 – Actual value format, Example 7 .....  | 136 |
| Figure 51 – Actual value format, Example 8 .....  | 137 |
| Figure 52 – State diagram of the position feedback interface with designations of the<br>states and transitions ..... | 142 |
| Figure 53 – Acknowledgement of acknowledgeable sensor error .....   | 147 |
| Figure 54 – Acknowledgement of unacknowledgeable sensor error .....   | 148 |
| Figure 55 – Timing diagram: Measurement on the fly – sequence 1 .....   | 149 |
| Figure 56 – Timing diagram: Measurement on the fly – sequence 2 .....   | 150 |
| Figure 57 – Timing diagram: Reference mark search .....   | 151 |
| Figure 58 – Overview about the diagnostic mechanisms of PROFIdrive .....  | 153 |
| Figure 59 – Working of the warning mechanism .....  | 154 |
| Figure 60 – Overview about the fault buffer mechanism .....   | 155 |
| Figure 61 – Fault acknowledgement for the fault buffer mechanism .....  | 156 |

|   |     |
|---|-----|
| Figure 62 – Processing of the fault messages in the fault buffer mechanism .....  | 157 |
| Figure 63 – Fault buffer with fault sequence example .....  | 159 |
| Figure 64 – Fault number list and fault code list with example.....   | 160 |
| Figure 65 – Drive reset: Direct initiation (P972 = 1).....  | 167 |
| Figure 66 – Example: Permanent failure of the controller LS .....   | 170 |
| Figure 67 – Example: Temporary failure of the controller LS (negative deviation) .....  | 171 |
| Figure 68 – Example: Temporary failure of the controller LS (positive deviation; double step) .....   | 171 |
| Figure 69 – Example: Permanent failure of the DO LS .....   | 172 |
| Figure 70 – Example: Temporary failure of the DO LS (negative deviation).....   | 172 |
| Figure 71 – Example: Temporary failure of the DO LS (positive deviation; double step) .....   | 172 |
| Figure 72 – Value of the DO Sign-Of-Life failure counter (axis-specific) with respect to the transferred controller Sign-Of-Life .....              | 173 |
| Figure 73 – Functionality and Interfaces for drive integration according to VIK-NAMUR .....   | 188 |
| Figure 74 – Principle structure of the drive interface according to VIK-NAMUR guideline.....  | 189 |
| Figure 75 – Speed setpoint channel for VIK-NAMUR process technology operating mode .....  | 193 |
| Figure 76 – Process technology operating mode, control word 1 bit 15 and status word 1 bit 10,11,13,14.....   | 194 |
| Figure 77 – Process technology operating mode with inevitable line interruption.....  | 195 |
| Figure 78 – Process technology operating mode with forced inverter inhibit.....   | 196 |
| <a href="http://standards.iteh.ai/catalog/standards/sist/ca4b61f8-25cd-47a4-be33-d44ab3b9bc2/sist-en-61800-7-203-2016">SIST EN 61800-7-203:2016</a> |     |
| Table 1 – Standard data types.....  | 25  |
| Table 2 – Profile specific data types .....   | 26  |
| Table 3 – N2, N4-Range of values .....  | 26  |
| Table 4 – N2, N4-Coding .....   | 27  |
| Table 5 – X2, X4-Range of values.....   | 27  |
| Table 6 – X2, X4-Coding (example x=12/28).....  | 27  |
| Table 7 – E2-Range of values.....   | 28  |
| Table 8 – E2-Coding .....   | 28  |
| Table 9 – C4-Range of values.....   | 28  |
| Table 10 – V2-Coding .....  | 28  |
| Table 11 – L2-Coding .....  | 29  |
| Table 12 – T2, T4-Range of values .....   | 29  |
| Table 13 – D2-Range of values.....  | 29  |
| Table 14 – R2-Range of values.....  | 30  |
| Table 15 – Application Classes .....  | 44  |
| Table 16 – Parameter definition .....   | 49  |
| Table 17 – Parameter description elements .....   | 50  |
| Table 18 – Parameter description element "Identifier (ID)" .....  | 51  |
| Table 19 – Parameter description element "variable attribute" .....   | 51  |
| Table 20 – Variable index and conversion index for SI units .....   | 53  |
| Table 21 – Conversion values for the conversion index (SI units).....   | 56  |
| Table 22 – Variable index and conversion index for US units .....   | 57  |

|   |    |
|---|----|
| Table 23 – Conversion values for the conversion index (US units) .....  | 58 |
| Table 24 – Parameter description elements “IO Data reference value/IO Data normalisation” .....                         | 59 |
| Table 25 – Text array for parameter description .....   | 60 |
| Table 26 – Text array for the data type Boolean .....   | 60 |
| Table 27 – Text array for data type V2 (bit sequence) .....   | 61 |
| Table 28 – Base mode parameter request .....  | 64 |
| Table 29 – Base mode parameter response .....   | 64 |
| Table 30 – Permissible combinations consisting of attribute, number of elements and subindex .....                      | 67 |
| Table 31 – Coding of the fields in parameter request/parameter response of Base Mode Parameter Access .....             | 68 |
| Table 32 – Error numbers in Base Mode parameter responses .....   | 70 |
| Table 33 – General state machine for the parameter manager processing .....   | 73 |
| Table 34 – Sequence 1: Parameter request .....  | 74 |
| Table 35 – Sequence 1: Parameter response positive with data of data type Word .....                                    | 74 |
| Table 36 – Sequence 1: Parameter response positive with data of data type Double word .....                             | 74 |
| Table 37 – Sequence 1: Parameter response, negative .....   | 75 |
| Table 38 – Sequence 2: Parameter request .....  | 75 |
| Table 39 – Sequence 2: Parameter response, positive .....   | 75 |
| Table 40 – Sequence 2: Parameter response, negative .....   | 75 |
| Table 41 – Sequence 3: Parameter request .....  | 76 |
| Table 42 – Sequence 3: Parameter response, positive .....   | 76 |
| Table 43 – Sequence 3: Parameter response, negative .....   | 76 |
| Table 44 – Sequence 4: Parameter request .....  | 77 |
| Table 45 – Sequence 4: Parameter response, positive .....   | 77 |
| Table 46 – Sequence 4: Parameter response, negative .....   | 77 |
| Table 47 – Sequence 5: Parameter request .....  | 78 |
| Table 48 – Sequence 5: Parameter response, positive .....   | 78 |
| Table 49 – Sequence 5: Parameter response, negative .....   | 78 |
| Table 50 – Sequence 6: Parameter request .....  | 79 |
| Table 51 – Sequence 6: Parameter response (+): all partial accesses OK .....  | 79 |
| Table 52 – Sequence 6: Parameter response (-): first and third partial access OK, second partial access erroneous ..... | 80 |
| Table 53 – Sequence 7: Parameter request .....  | 81 |
| Table 54 – Sequence 7: Parameter response (+): all partial accesses OK .....  | 81 |
| Table 55 – Sequence 7: Parameter response (-): first and third partial access OK, second partial access erroneous ..... | 82 |
| Table 56 – Sequence 8: Parameter request .....  | 82 |
| Table 57 – Sequence 8: Parameter response positive with data of the data type word (for example ID) .....               | 82 |
| Table 58 – Sequence 8: Parameter response positive with text .....  | 83 |
| Table 59 – Sequence 8: Parameter response, negative .....   | 83 |
| Table 60 – Sequence 9: Parameter request .....  | 83 |

|   |     |
|---|-----|
| Table 61 – Sequence 9: Parameter response, positive .....   | 84  |
| Table 62 – Sequence 9: Parameter response, negative .....   | 84  |
| Table 63 – Sequence 10: Parameter request .....   | 84  |
| Table 64 – Sequence 10: Parameter response, positive .....  | 85  |
| Table 65 – Sequence 10: Parameter response, negative .....  | 85  |
| Table 66 – Sequence 11: Request of values, description and text in one request.....                                 | 85  |
| Table 67 – Sequence 11: Parameter response (+): all partial accesses OK.....  | 86  |
| Table 68 – Sequence 12: Request of values, header with illegal Request ID.....                                      | 86  |
| Table 69 – Sequence 12: Parameter response (-): service not supported.....  | 87  |
| Table 70 – Overview on the assignment of the bits of control word 1 .....   | 90  |
| Table 71 – Detailed assignment of the common control word 1 bits (STW1) for speed control/positioning.....          | 91  |
| Table 72 – Detailed assignment of the special control word 1 bits (STW1) for speed control mode.....                | 92  |
| Table 73 – Detailed assignment of the special control word 1 bits (STW1) for the positioning mode.....              | 93  |
| Table 74 – Overview on the assignment of the bits of control word 2 .....   | 93  |
| Table 75 – Overview on the assignment of the bits of Encoder control word 2 .....                                   | 94  |
| Table 76 – Overview on the assignment of the bits of status word 1.....   | 94  |
| Table 77 – Detailed assignment of the common status word 1 bits (ZSW1) for the speed control /positioning mode..... | 95  |
| Table 78 – Detailed assignment of the special status word 1 bits (ZSW1) for the speed control mode.....             | 96  |
| Table 79 – Detailed assignment of the special status word 1 bits (ZSW1) for the positioning mode.....               | 96  |
| Table 80 – Overview on the assignment of the bits of status word 2.....   | 96  |
| Table 81 – Overview on the assignment of the bits of Encoder status word 2.....                                     | 97  |
| Table 82 – Structure of Parameter 924 “Status word bit Pulses Enabled”.....   | 97  |
| Table 83 – Definition of signal SATZANW .....   | 108 |
| Table 84 – Definition of signal AKTSATZ .....   | 108 |
| Table 85 – Definition of signal MDI_MOD.....  | 109 |
| Table 86 – Signal list – assignment.....  | 114 |
| Table 87 – Definition of standard telegram 1.....   | 116 |
| Table 88 – Definition of standard telegram 2.....   | 116 |
| Table 89 – Definition of standard telegram 3.....   | 116 |
| Table 90 – Definition of standard telegram 4.....   | 117 |
| Table 91 – Definition of standard telegram 5.....   | 117 |
| Table 92 – Definition of standard telegram 6.....   | 118 |
| Table 93 – Definition of standard telegram 7.....   | 118 |
| Table 94 – Definition of standard telegram 9.....   | 119 |
| Table 95 – Definition of standard telegram 8.....   | 119 |
| Table 96 – Parameters for configuring a telegram .....  | 120 |
| Table 97 – Coding of P922 .....   | 120 |
| Table 98 – Example A/B for normalising DO IO Data, parameter values.....  | 123 |
| Table 99 – Example A/B for normalising DO IO Data, parameter description elements.....                              | 124 |

|   |     |
|---|-----|
| Table 100 – Example C for normalising DO IO Data, parameter values.....                 | 124 |
| Table 101 – Example C for normalising DO IO Data, parameter description elements.....   | 125 |
| Table 102 – Structure of parameter 979 (sensor format).....                             | 132 |
| Table 103 – Subindex 0 (header) of parameter 979.....                                   | 132 |
| Table 104 – Subindex 1 (sensor type) of parameter 979.....                              | 133 |
| Table 105 – Subindex 2 (sensor resolution) of parameter 979.....                        | 133 |
| Table 106 – Assigning Gx_XIST2 (sensor-x position actual value-2).....                  | 137 |
| Table 107 – Error codes in Gx_XIST2.....  | 138 |
| Table 108 – Sensor control word.....  | 139 |
| Table 109 – Sensor status word.....   | 141 |
| Table 110 – States.....   | 143 |
| Table 111 – Transitions.....  | 145 |
| Table 112 – Prioritisation of Sensor Control Word.....                                  | 147 |
| Table 113 – Example for standard telegram with additional peripheral control.....       | 152 |
| Table 114 – Fault buffer parameters.....  | 158 |
| Table 115 – Fault codes examples.....   | 159 |
| Table 116 – Definition of the fault classes attribute.....                              | 160 |
| Table 117 – Definition of the PROFIdrive fault classes.....                             | 161 |
| Table 118 – Structure of parameter 964 (Drive Unit identification).....                 | 162 |
| Table 119 – Definition of the Profile identification number.....                        | 163 |
| Table 120 – Structure of parameter 975 (DO identification).....                         | 163 |
| Table 121 – Structure of P975.5.....  | 163 |
| Table 122 – DO type class definition in P975.5.....                                     | 164 |
| Table 123 – Assignment of the bits of DO sub class 1 identification in P975.6.....      | 164 |
| Table 124 – Structure of parameter 974 (Base Mode Parameter Access identification)..... | 165 |
| Table 125 – PROFIdrive I&M parameter definition.....                                    | 165 |
| Table 126 – PROFIdrive parameter value definition.....                                  | 166 |
| Table 127 – PROFIdrive error code definition.....                                       | 166 |
| Table 128 – Specified DO functions for the Application Classes.....                     | 174 |
| Table 129 – Parameter for “Life sign monitoring”.....                                   | 175 |
| Table 130 – Parameter for “DO IO DATA-Telegram selection and configuration”.....        | 175 |
| Table 131 – Parameter for “Sensor interface”.....                                       | 176 |
| Table 132 – Parameter for “Fault buffer handling”.....                                  | 176 |
| Table 133 – Parameter for “Warning mechanism”.....                                      | 176 |
| Table 134 – Parameter for “Closed loop control operating mode”.....                     | 176 |
| Table 135 – Parameter for “Set and store of the local parameter set”.....               | 176 |
| Table 136 – Parameter for “Set and store complete parameter set”.....                   | 177 |
| Table 137 – Parameter for “Drive reset”.....  | 177 |
| Table 138 – Parameter for “Operation priority for write parameters”.....                | 177 |
| Table 139 – Parameter for “DO identification and setup”.....                            | 178 |
| Table 140 – Parameter for “Parameter set identification”.....                           | 178 |
| Table 141 – Parameter for “Device identification”.....                                  | 178 |
| Table 142 – Parameter for “Alternative Supervisor DO IO Data control channel”.....      | 179 |

|  |     |
|--|-----|
| Table 143 – PROFIdrive Parameter listed by number.....   | 180 |
| Table 144 – Overview on the assignment of the bits of control word1 for the process technology operating mode.....           | 190 |
| Table 145 – Overview on the assignment of the bits of status word1 for the process technology operating mode.....            | 191 |
| Table 146 – Overview on the assignment of the bits of drive status/fault word for the process technology operating mode..... | 192 |
| Table 147 – Definition of standard telegram 20.....  | 197 |

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