

Field Device Integration (FDI) - Part 103-1: Profiles -
PROFIBUS

EESTI STANDARDI EESSÕNA

NATIONAL FOREWORD

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English Version

**Field device integration (FDI) - Part 103-1: Profiles - PROFIBUS
(IEC 62769-103-1:2020)**

Intégration des appareils de terrain (FDI) - Partie 103-1:
Profils - PROFIBUS
(IEC 62769-103-1:2020)

Feldgeräteintegration (FDI) Teil 103-1: Profile - PROFIBUS
(IEC 62769-103-1:2020)

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CEN-CENELEC Management Centre: Rue de la Science 23, B-1040 Brussels

European foreword

The text of document 65E/622/CDV, future edition 2 of IEC 62769-103-1, prepared by SC 65E "Devices and integration in enterprise systems" 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 62769-103-1:2020.

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) 2021-03-02
- latest date by which the national standards conflicting with the document have to be withdrawn (dow) 2023-06-02

This document supersedes EN 62769-103-1:2015 and all of its amendments and corrigenda (if any).

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In the official version, for Bibliography, the following note has to be added for the standard indicated:

IEC 61784-1 NOTE Harmonized as EN IEC 61784-1

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>
IEC 61804	series	Function blocks (FB) for process control and electronic device description language (EDDL)	EN IEC 61804	series
IEC 62541-100	2015	OPC Unified Architecture - Part 100: Device Interface	EN 62541-100	2015
IEC 62769-2 ¹	-	Field Device Integration (FDI) - Part 2: FDI Client	-	-
IEC 62769-4 ²	-	Field Device Integration (FDI) - Part 4: FDI Packages	-	-
IEC 62769-5 ³	-	Field Device Integration (FDI) - Part 5: FDI Information Model	-	-
IEC 62769-7 ⁴	-	Field Device Integration (FDI) - Part 7: FDI Communication Devices	-	-
PI Order No. 2.122	2008	Specification for PROFIBUS - Device Description and Device Integration - Volume 1: GSD, V5.1, July 2008: GSD	-	-

¹ Under preparation. Stage at the time of publication: IEC/RFDIS 62769-2:2020.

² Under preparation. Stage at the time of publication: IEC/RFDIS 62769-4:2020.

³ Under preparation. Stage at the time of publication: IEC/RFDIS 62769-5:2020.

⁴ Under preparation. Stage at the time of publication: IEC/RFDIS 62769-7:2020.

INTERNATIONAL STANDARD

NORME INTERNATIONALE



**Field device integration (FDI) –
Part 103-1: Profiles – PROFIBUS**

**Intégration des appareils de terrain (FDI) –
Partie 103-1: Profils – PROFIBUS**



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INTERNATIONAL STANDARD

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CONTENTS

FOREWORD	4
1 Scope	6
2 Normative references	6
3 Terms, definitions, abbreviated terms and conventions	6
3.1 Terms and definitions	6
3.2 Abbreviated terms and acronyms	7
3.3 Conventions	7
3.3.1 EDDL syntax	7
3.3.2 XML syntax	7
3.3.3 Capitalizations	7
4 Profile for PROFIBUS	8
4.1 General	8
4.2 Catalog profile	8
4.2.1 Protocol support file	8
4.2.2 CommunicationProfile definition	8
4.2.3 Profile device	9
4.2.4 Protocol version information	9
4.3 Associating a Package with a device	10
4.3.1 Device type identification mapping	10
4.3.2 Device type revision mapping	11
4.4 Information Model mapping	12
4.4.1 ProtocolType definition	12
4.4.2 DeviceType mapping	13
4.4.3 FunctionalGroup identification definition	13
4.5 Topology elements	13
4.5.1 ConnectionPoint definition	13
4.5.2 Communication Device definition	15
4.5.3 Communication service provider definition	16
4.5.4 Network definition	17
4.6 Methods	17
4.6.1 Methods for FDI Communication Servers	17
4.6.2 Methods for Gateways	20
Annex A (normative) Topology Scan result schema	26
A.1 General	26
A.2 Network	26
A.3 ProfibusNetworkT	26
A.4 ProfibusConnectionPointT	26
A.5 ProfibusIdentificationT	27
A.6 ProfibusAddressT	28
Annex B (normative) Transfer service parameters	29
B.1 General	29
B.2 sendData	29
B.3 xsreceiveData	29
B.4 xsTransferSendDataT	29
B.5 TransferResultDataT	30
B.6 OperationT	30

Bibliography.....	31
Figure 1 – Version mapping problem.....	11
Table 1 – ProtocolSupportFile for FDI Device Packages	8
Table 2 – ProtocolSupportFile for FDI Communication Packages	8
Table 3 – PROFIBUS CommunicationProfile definition schema	9
Table 4 – Catalog values for profile devices.....	9
Table 5 – Version mapping examples.....	9
Table 6 – Device identification information mapping.....	11
Table 7 – Protocol type Profibus_DP	12
Table 8 – Protocol type Profibus_PA.....	12
Table 9 – DeviceType property mapping	13
Table 10 – PROFIBUS Device Types identification attributes	13
Table 11 – ConnectionPoint type for Profibus_DP.....	14
Table 12 – ConnectionPoint type for Profibus_PA.....	15
Table 13 – Method Connect arguments.....	18
Table 14 – Method Disconnect arguments	18
Table 15 – Method Transfer arguments.....	19
Table 16 – Method SetAddress arguments.....	20
Table 17 – Connect service arguments	21
Table 18 – Method Transfer arguments.....	22
Table 19 – Method SetAddress arguments.....	24
Table A.1 – Elements of ProfibusNetworkT	26
Table A.2 – Attributes of ProfibusConnectionPointT	27
Table A.3 – Elements of ProfibusConnectionPointT	27
Table A.4 – Attributes of ProfibusIdentificationT.....	28
Table B.1 – Attributes of TransferSendDataT	30
Table B.2 – Attributes of TransferResultDataT	30

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This second edition cancels and replaces the first edition published in 2015. This edition constitutes a technical revision.

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

- a) support for generic protocol extension for faster adoption of other technologies;
- b) support for Package Developers to build EDDs targeted for today's EDD bases system under a single development tool.

The text of this International Standard is based on the following documents:

CDV	Report on voting
65E/622/CDV	65E/685A/RVC 65E/685/RVC

Full information on the voting for the approval of this International Standard can be found in the report on voting indicated in the above table.

This document has been drafted in accordance with the ISO/IEC Directives, Part 2.

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