

# INTERNATIONAL STANDARD

# NORME INTERNATIONALE

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**Field Device Integration (FDI) –  
Part 101-2: Profiles – Foundation Fieldbus HSE**

**Intégration des appareils de terrain (FDI) –  
Partie 101-2: Profils – Foundation Fieldbus HSE**





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## CONTENTS

FOREWORD.....	4
INTRODUCTION.....	6
1 Scope.....	7
2 Normative references .....	7
3 Terms, definitions, abbreviated terms and acronyms .....	8
3.1 Terms and definitions.....	8
3.2 Abbreviated terms and acronyms .....	8
4 Conventions .....	8
4.1 EDDL syntax.....	8
4.2 XML syntax.....	8
5 Profile for CP 1/2 (FOUNDATION™ HSE) .....	8
5.1 General.....	8
5.2 Catalog profile .....	8
5.2.1 Protocol support files .....	8
5.2.2 CommunicationProfile definition.....	9
5.2.3 Profile device.....	9
5.2.4 Protocol version information .....	9
5.3 Associating a Package with a CP 1/2 device .....	9
5.3.1 Device type identification mapping.....	9
5.3.2 Device type revision mapping .....	10
5.4 Information Model mapping .....	10
5.4.1 ProtocolType definition .....	10
5.4.2 DeviceType mapping .....	10
5.4.3 FunctionalGroup Identification definition .....	10
5.4.4 BlockType property mapping .....	11
5.4.5 Mapping to Block ParameterSet.....	11
5.5 Topology elements.....	11
5.5.1 ConnectionPoint definition .....	11
5.5.2 Communication Device definition .....	13
5.5.3 Communication service provider definition.....	14
5.5.4 Network definition .....	15
5.6 Methods.....	15
5.6.1 Methods for FDI Communication Servers.....	15
5.6.2 Methods for Gateways .....	22
Annex A (normative) Topology scan schema.....	23
A.1 General.....	23
A.2 Network .....	23
A.3 FoundationHSEAddressT .....	23
A.4 FoundationHSEConnectionPointT .....	23
A.5 FoundationHSENetworkT .....	24
A.6 FoundationBlockIdentificationT .....	24
A.7 FoundationIdentificationT .....	25
Annex B (normative) Transfer service parameters.....	27
Annex C (informative) Communication service arguments for Transfer Method .....	28
Bibliography.....	29

- Table 1 – Capability File part ..... 9
- Table 2 – CommunicationProfile definition ..... 9
- Table 3 – Device type catalog mapping ..... 9
- Table 4 – ProtocolType Foundation\_HSE definition ..... 10
- Table 5 – Inherited DeviceType property mapping ..... 10
- Table 6 – Identification parameters ..... 11
- Table 7 – Inherited BlockType property mapping ..... 11
- Table 8 – ConnectionPointType ConnectionPoint\_Foundation\_HSE definition ..... 12
- Table 9 – Communication device ParameterSet definition ..... 14
- Table 10 – Method Connect arguments ..... 16
- Table 11 – Method Disconnect arguments ..... 17
- Table 12 – Method Transfer arguments ..... 18
- Table 13 – Method GetPublishedData arguments ..... 20
- Table 14 – Method SetAddress arguments ..... 21
- Table A.1 – Attributes of FoundationHSEConnectionPointT ..... 24
- Table A.2 – Elements of FoundationHSEConnectionPointT ..... 24
- Table A.3 – Elements of FoundationHSENetworkT ..... 24
- Table A.4 – Attributes of FoundationBlockIdentificationT ..... 25
- Table A.5 – Attributes of FoundationIdentificationT ..... 26

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## FIELD DEVICE INTEGRATION (FDI) –

## Part 101-2: Profiles – Foundation Fieldbus HSE

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The text of this standard is based on the following documents:

CDV	Report on voting
65E/353/CDV	65E/416/RVD

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

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A list of all parts in the IEC 62769 series, published under the general title *Field Device Integration (FDI)*, can be found on the IEC website.

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## FIELD DEVICE INTEGRATION (FDI) –

### Part 101-2: Profiles – Foundation Fieldbus HSE

#### 1 Scope

This part of IEC 62769 specifies the IEC 62769 profile for IEC 61784-1, CP 1/2 (FOUNDATION™ Fieldbus HSE)<sup>1</sup>.

#### 2 Normative references

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.

IEC 61784-1, *Industrial communication networks - Profiles - Part 1: Fieldbus profiles*

IEC 61784-2, *Industrial communication networks - Profiles - Part 2: Additional fieldbus profiles for real-time networks based on ISO/IEC 8802-3*

IEC 61804 (all parts), *Function blocks (FB) for process control*

IEC 62541-100:2015, *OPC Unified Architecture – Part 100: Device interface*

IEC 62769-2, *Field Device Integration (FDI) – Part 2: FDI Client*

NOTE IEC 62769-2 is technically identical to FDI-2022.

IEC 62769-3, *Field Device Integration (FDI) – Part 3: FDI Server*

NOTE IEC 62769-3 is technically identical to FDI-2023.

IEC 62769-4, *Field Device Integration (FDI) –Part 4: FDI Packages*

NOTE IEC 62769-4 is technical identically to FDI-2024.

IEC 62769-5, *Field Device Integration (FDI) – Part 5: FDI Information Model*

NOTE IEC 62769-5 is technical identically to FDI-2025.

IEC 62769-6, *Field Device Integration (FDI) – Part 6: FDI Technology Mapping*

NOTE IEC 62769-6 is technical identically to FDI-2026.

IEC 62769-7, *Field Device Integration (FDI) – Part 7: FDI Communication Devices*

NOTE IEC 62769-7 is technical identically to FDI-2027.

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