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**Industrijska komunikacijska omrežja - Specifikacije za procesna vodila - 4-1. del:
Specifikacija protokola na ravni podatkovnih povezav - Elementi tipa 1 (IEC 61158-
4-1:2014)**

Industrial communication networks - Fieldbus specifications - Part 4-1: Data-link layer
protocol specification - Type 1 elements (IEC 61158-4-1:2014)

iTeh STANDARD PREVIEW

Industrielle Kommunikationsnetze - Feldbusse - Teil 4-1: Protokollspezifikation des Data
Link Layer (Sicherheitsschicht) - Typ 1-Elemente (IEC 61158-4-1:2014)

SIST EN 61158-4-1:2015

Réseaux de communication industriels - Spécifications des bus de terrain - Partie 4-1:
Spécification du protocole de la couche de liaison de données - Éléments de Type 1
(CEI 61158-4-1:2014)

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**Industrial communication networks - Fieldbus specifications -
Part 4-1: Data-link layer protocol specification - Type 1 elements
(IEC 61158-4-1:2014)**

Réseaux de communication industriels - Spécifications des
bus de terrain - Partie 4-1: Spécification du protocole de la
couche liaison de données - Éléments de type 1
(CEI 61158-4-1:2014)

Industrielle Kommunikationsnetze - Feldbusse - Teil 4:
Protokollspezifikation des Data Link Layer
(Sicherheitsschicht) - Typ 1-Elemente
(IEC 61158-4-1:2014)

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[SIST EN 61158-4-1:2015](#)

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Europäisches Komitee für Elektrotechnische Normung

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Foreword

The text of document 65C/762/FDIS, future edition 2 of IEC 61158-4-1, prepared by IEC/TC 65C "Industrial networks" was submitted to the IEC-CENELEC parallel vote and approved by CENELEC as EN 61158-4-1:2014.

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

IEC 61158-5-5:2014	NOTE	Harmonised as EN 61158-5-5:2014
IEC 61158-6-5:2014	NOTE	Harmonised as EN 61158-6-5:2014
IEC 61784-1	NOTE	Harmonised as EN 61784-1
IEC 61784-2	NOTE	Harmonised as EN 61784-2

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.

<u>Publication</u>	<u>Year</u>	<u>Title</u>	<u>EN/HD</u>	<u>Year</u>
IEC 61158-1	2014	Industrial communication networks - Fieldbus specifications - Part 1: Overview and guidance for the IEC 61158 and IEC 61784 series	EN 61158-1	2014
IEC 61158-2	2014	Industrial communication networks - Fieldbus specifications - Part 2: Physical layer specification and service definition	EN 61158-2	2014
IEC 61158-3-1	2014	Industrial communication networks - Fieldbus specifications - Part 3-1: Data-link layer service definition - Type 1 elements	EN 61158-3-1	2014
ISO/IEC 7498-1	-	Information technology - Open Systems Interconnection - Basic reference model: The basic model	-	-
ISO/IEC 7498-3	-	Information technology - Open Systems Interconnection - Basic reference model: Naming and addressing	-	-
ISO/IEC 8886	-	Information technology - Open Systems Interconnection - Data link service definition	-	-
ISO/IEC 10038	1993	Information technology - Telecommunications and information exchange between systems - Local area networks - Media Access Control (MAC) bridges	-	-
ISO/IEC 10731	-	Information technology - Open Systems Interconnection - Basic Reference Model - Conventions for the definition of OSI services	-	-

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INTERNATIONAL ELECTROTECHNICAL COMMISSION

**INDUSTRIAL COMMUNICATION NETWORKS –
 FIELDBUS SPECIFICATIONS –**
**Part 4-1: Data-link layer protocol specification –
 Type 1 elements**

FOREWORD

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NOTE Combinations of protocol types are specified in IEC 61784-1 and IEC 61784-2.

International Standard IEC 61158-4-1 has been prepared by subcommittee 65C: Industrial networks, of IEC technical committee 65: Industrial-process measurement, control and automation.

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