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Digital data communication for measurement and control - Fieldbus for use in industrial control systems - Part 3: Data link service definition

Digital data communication for measurement and control - Fieldbus for use in industrial control systems -- Part 3: Data link service definition

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Digitale Datenkommunikation in der Leitechnik - Feldbus für industrielle Leitsysteme -- Teil 3: Definition der Dienste der Sicherungsschicht (Data Link Layer)

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Communications numériques pour les systèmes de mesure et de commande - Bus de terrain utilisés dans les systèmes de commande industriels -- Partie 3: Définition des services de la couche de liaison de données

Ta slovenski standard je istoveten z: EN 61158-3:2004

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EUROPEAN STANDARD **EN 61158-3**

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Digital data communication for measurement and control - Fieldbus for use in industrial control systems Part 3: Data link service definition

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Communications numériques pour les systèmes de mesure et de commande - Bus de terrain utilisés dans les systèmes de commande industriels Partie 3: Définition des services de la couche de liaison de données (CEI 61158-3:2003)

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Foreword

The text of the International Standard IEC 61158-3:2003, prepared by SC 65C, Digital communications, of IEC TC 65, Industrial-process measurement and control, was submitted to the Unique Acceptance Procedure and was approved by CENELEC as EN 61158-3 on 2004-03-16.

This European Standard, together with EN 61158-2:2004, EN 61158-4:2004 to EN 61158-6:2004 and EN 61784-1:2004, supersedes EN 50170:1996 + A1:2002 (+ corr. Aug. 2002) + A2:1999 + A3:2002 (+ corr. Aug. 2002) and EN 50254:1998.

The following dates were fixed:

– latest date by which the EN has to be implemented at national level by publication of an identical national standard or by endorsement	(dop)	2005-04-01
– latest date by which the national standards conflicting with the EN have to be withdrawn	(dow)	2007-04-01

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

IEC 61158-2	NOTE	Harmonized as 61158-2:2004 (not modified).
IEC 61158-5	NOTE	Harmonized as 61158-5:2004 (not modified).
IEC 61158-6	NOTE	Harmonized as 61158-6:2004 (not modified).
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Annex ZA has been added by CENELEC.

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Endorsement notice

The text of the International Standard IEC 61158-3:2003 was approved by CENELEC as a European Standard without any modification.

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Annex ZA
(normative)

Normative references to international publications with their corresponding European publications

The following referenced documents are indispensable for the application 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 Where an international publication has been modified by common modifications, indicated by (mod), the relevant EN/HD applies.

Publication	Year	Title	EN/HD	Year
ISO/IEC 7498-1	1994	Information technology - Open systems interconnection - Basic reference model Part 1: The basic model	EN ISO/IEC 7498-1	1995
ISO/IEC 7498-3	1997	Part 3: Naming and addressing	-	-
ISO/IEC 8886	1996	Information technology - Open systems interconnection - Data link service definition	-	-
ISO/IEC 10731	1994	Information technology - Open Systems Interconnection Basic reference model - Conventions for the definition of OSI services	-	-
IEC 61158-4 + corr. July	2003 2004	Digital data communication for measurement and control - Fieldbus for use in industrial control systems Part 4: Data Link Layer protocol specification	EN 61158-4	2004
IEEE Std 1451.2	1997	A smart transducer interface for sensors and actuators - Transducer to microprocessor communication protocols and Transducer Electronic Data Sheets (TEDS) formats	-	-

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Part 3: Data link service definition

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