

<b>STN</b>	<p><b>Priemyselné komunikačné siete Profily Časť 3-18: Funkčná bezpečnosť prevádzkových zberníc Doplnkové špecifikácie pre CPF 18 Zmena A2</b></p>	<p><b>STN EN 61784-3-18/A2</b></p>
		18 4020

Táto norma obsahuje anglickú verziu európskej normy.  
This standard includes the English version of the European Standard.

Táto norma bola oznámená vo Vestníku ÚNMS SR č. 08/21

STN EN 61784-3-18 z januára 2012 sa bez tejto zmeny A2 môže používať do 4. 6. 2024.

Obsahuje: EN 61784-3-18:2011/A2:2021, IEC 61784-3-18:2011/AMD2:2021

**133345**

**EUROPEAN STANDARD**  
**NORME EUROPÉENNE**  
**EUROPÄISCHE NORM**

**EN 61784-3-18:2011/A2**

June 2021

ICS 25.040.40; 35.100.05

English Version

**Industrial communication networks - Profiles - Part 3-18:  
Functional safety fieldbuses - Additional specifications for CPF  
18  
(IEC 61784-3-18:2011/AMD2:2021)**

Réseaux de communication industriels - Profils - Partie 3-18:  
Bus de terrain de sécurité fonctionnelle - Spécifications  
supplémentaires pour CPF 18  
(IEC 61784-3-18:2011/AMD2:2021)

Industrielle Kommunikationsnetze - Profile - Teil 3-18:  
Funktional sichere Übertragung bei Feldbussen -  
Zusätzliche Festlegungen für die  
Kommunikationsprofilfamilie 18  
(IEC 61784-3-18:2011/AMD2:2021)

This amendment A2 modifies the European Standard EN 61784-3-18:2011; it was approved by CENELEC on 2021-06-04. CENELEC members are bound to comply with the CEN/CENELEC Internal Regulations which stipulate the conditions for giving this amendment 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: Rue de la Science 23, B-1040 Brussels**

**EN 61784-3-18:2011/A2:2021 (E)****European foreword**

The text of document 65C/1083/FDIS, future IEC 61784-3-18/AMD2, prepared by SC 65C "Industrial networks" of IEC/TC 65 "Industrial-process measurement, control and automation" was submitted to the IEC-CENELEC parallel vote and approved by CENELEC as EN 61784-3-18:2011/A2:2021.

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) 2022-03-04
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In the official version, for Bibliography, the following notes have to be added for the standards indicated:

IEC 61000-1-2	NOTE	Harmonized as EN 61000-1-2
IEC 61000-6-7	NOTE	Harmonized as EN 61000-6-7
IEC 61010-2-201	NOTE	Harmonized as EN IEC 61010-2-201
IEC 61784-3	NOTE	Harmonized as EN IEC 61784-3
ISO 13849 (series)	NOTE	Harmonized as EN ISO 13849 (series)



IEC 61784-3-18

Edition 1.0 2021-04

# INTERNATIONAL STANDARD

## NORME INTERNATIONALE



### AMENDMENT 2

### AMENDEMENT 2

**Industrial communication networks – Profiles –  
Part 3-18: Functional safety fieldbuses – Additional specifications for CPF 18**

**Réseaux de communication industriels – Profils –  
Partie 3-18: Bus de terrain de sécurité fonctionnelle – Spécifications  
supplémentaires pour CPF 18**





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IEC 61784-3-18

Edition 1.0 2021-04

# INTERNATIONAL STANDARD

## NORME INTERNATIONALE



AMENDMENT 2

AMENDEMENT 2

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Additional specifications for CPF 18****AMENDMENT 2****FOREWORD**

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Amendment 2 to IEC 61784-3-18:2011 has been prepared by subcommittee 65C: Industrial networks, of IEC technical committee 65: Industrial-process measurement, control and automation.

IEC 61784-3-18:2011/AMD2:2021  
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The text of this Amendment is based on the following documents:

FDIS	Report on voting
65C/1083/FDIS	65C/1087/RVD

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

The language used for the development of this International Standard is English.

This document was drafted in accordance with ISO/IEC Directives, Part 2, and developed in accordance with ISO/IEC Directives, Part 1 and ISO/IEC Directives, IEC Supplement, available at [www.iec.ch/members\\_experts/refdocs](http://www.iec.ch/members_experts/refdocs). The main document types developed by IEC are described in greater detail at [www.iec.ch/standardsdev/publications](http://www.iec.ch/standardsdev/publications).

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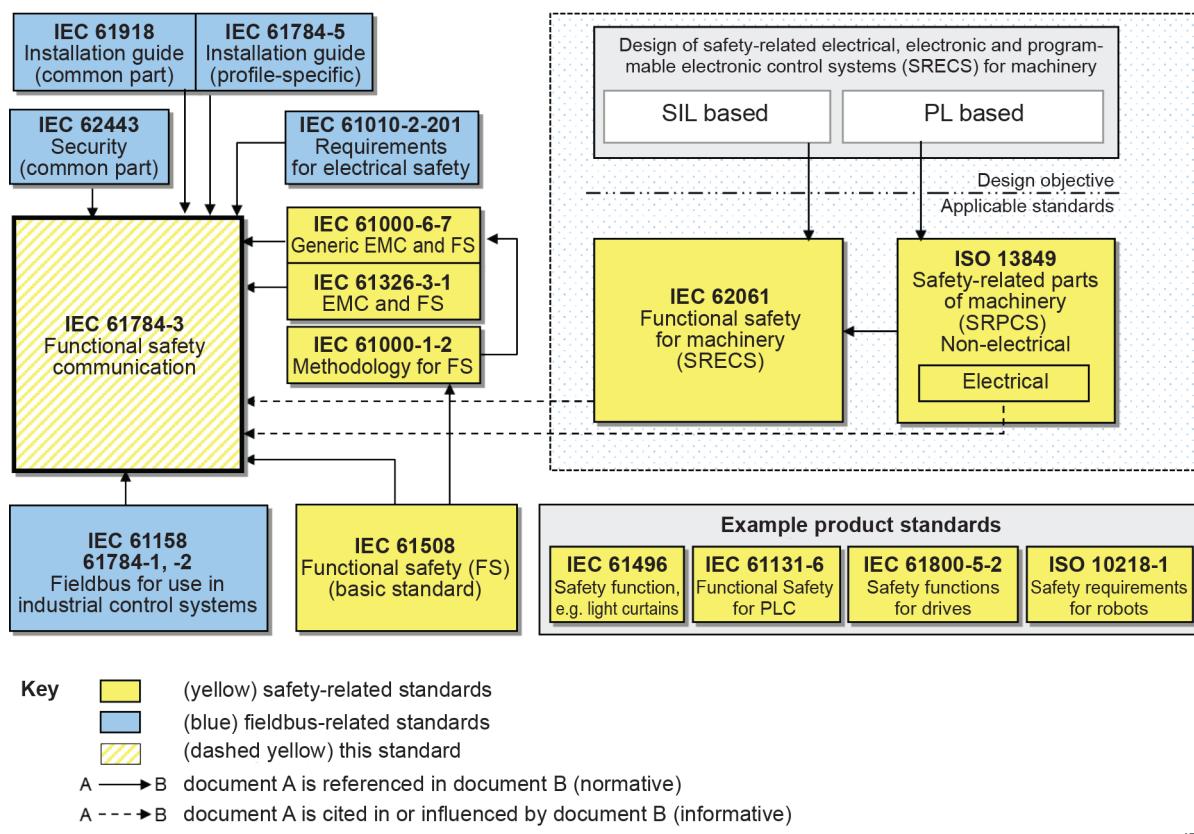
## INTRODUCTION to Amendment 2

This Amendment 2 introduces several editorial and informational corrections in the context of Edition 4 of IEC 61784-3.

## 0 Introduction

### 0.1 General

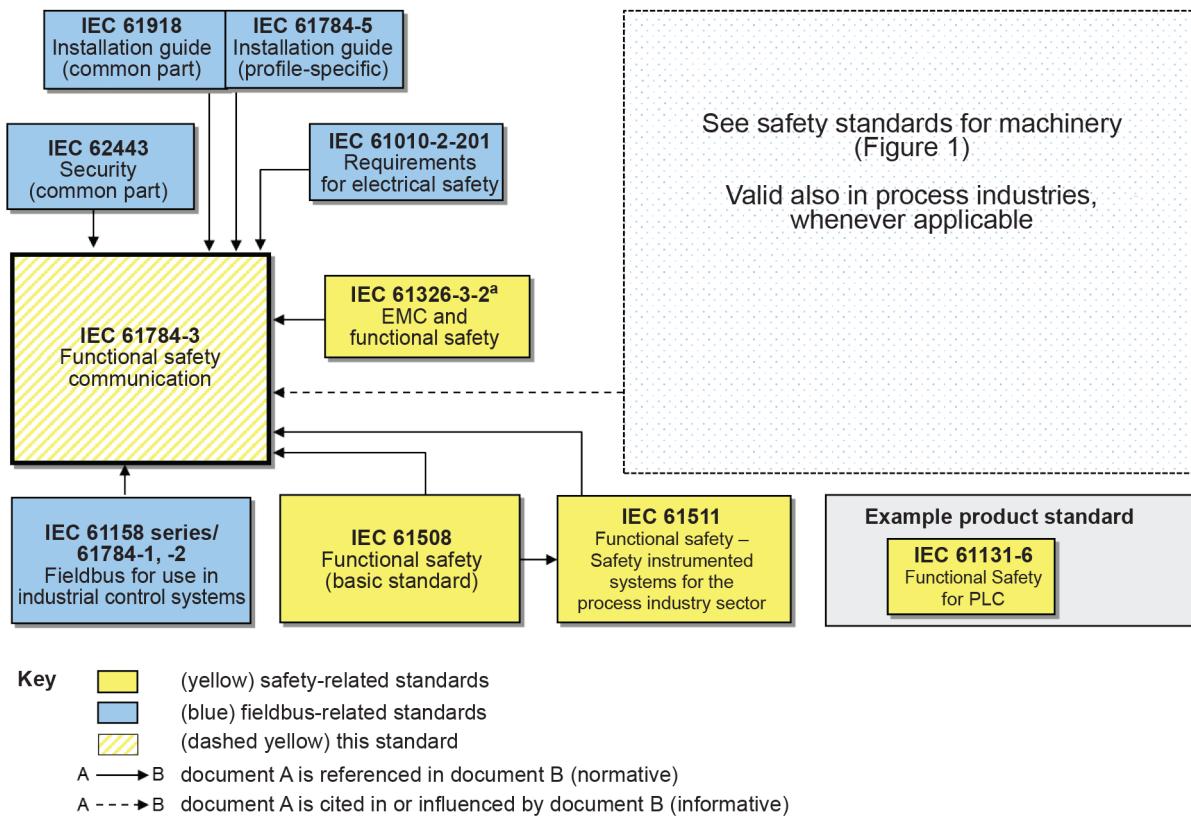
Replace the existing Figure 1 by the following new figure:



Replace the existing text of the NOTE below Figure 1 (before the title) by the following:

IEC 62061 specifies the relationship between PL (Category) and SIL.

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