

DIN EN 18219:2026-09 (E)

Digital product passport - Unique identifiers

Contents

Page

European foreword	4
Introduction	5
1 Scope	7
2 Normative references	7
3 Terms, definitions and abbreviations	8
3.1 Terms and definitions	9
3.2 Abbreviations	11
4 General principles, requirements and guidelines	12
4.1 Global uniqueness	12
4.1.1 Principle	12
4.1.2 Requirements	12
4.2 Persistence	13
4.2.1 Principle	13
4.2.2 Requirements	13
4.3 Syntax	13
4.3.1 Principle	13
4.3.2 Requirements	13
4.3.3 Guidelines	14
4.4 Granularity	14
4.4.1 Principle	14
4.4.2 Requirements	14
4.4.3 Guidelines	14
4.5 Interoperability	14
4.5.1 Principle	14
4.5.2 Requirements	15
4.5.3 Guidelines	15
4.6 Openness	15
4.6.1 Principle	15
4.6.2 Requirements	15
5 ID schemes for products	16
5.1 General	16
5.2 ID scheme 1: Web enabled, structured path and query ID for products	16
5.2.1 Description	16
5.2.2 Requirements	16
5.3 ID scheme 2: Identification Link (IL) string for products	17
5.3.1 Description	17
5.3.2 Requirements	17
5.3.3 Guidelines	17
5.4 ID scheme 3: Decentralized identifiers (DID) for products	17
5.4.1 Description	17
5.4.2 Requirements	18
5.4.3 Guidelines	18
5.5 ID scheme 4: Identification for products and product groups	18
5.5.1 Description	18
5.5.2 Requirements	18
5.5.3 Guidelines	19

5.6	ID scheme 5: Digital Object Identifier (DOI) for products	19
5.6.1	Description	19
5.6.2	Requirements	19
6	ID schemes for economic operators and facilities	19
6.1	General	19
6.2	ID scheme 6: Economic operator identification using ISO/IEC 6523	20
6.2.1	Description	20
6.2.2	Requirements	20
6.2.3	Guidelines	20
6.3	ID scheme 7: Economic operator and facility identification per ISO/IEC 15418	20
6.3.1	Description	20
6.3.2	Requirements	21
6.4	ID scheme 8: Economic operator identification in data systems using Decentralized identifiers (DID)	21
6.4.1	Description	21
6.4.2	Requirements	21
6.4.3	Guidelines	21
6.5	ID scheme 9: Economic operator identification used in data systems per Digital Object Identifiers (DOI)	22
6.5.1	Description	22
6.5.2	Requirements	22
	Annex A (informative) Selecting identification granularity levels for products	23
	Annex B (informative) Overview of ID schemes for products	25
	Annex C (informative) Overview of ID schemes for economic operators and facilities	47
	Annex ZA (informative) Relationship between this European Standard and the essential requirements of (EU) 2024/1781 aimed to be covered	56
	Bibliography	58