

DIN EN ISO 19164:2024-12 (E)

Geographic information - Indoor feature model (ISO 19164:2024); English version EN ISO 19164:2024

Contents

Page

Foreword.....	iv
Introduction.....	v
1 Scope.....	1
2 Normative references.....	1
3 Terms and definitions.....	1
4 Symbols and abbreviated terms.....	2
4.1 Abbreviated terms.....	2
4.2 UML notation.....	3
5 Conformance.....	3
6 General.....	3
7 Relationship with the existing International Standards.....	3
8 Indoor Feature Model.....	5
8.1 Indoor top features.....	5
8.2 Indoor space features.....	7
8.3 Indoor entity features.....	10
8.4 Constructive features.....	11
8.5 Attached features.....	13
8.6 Geometric and topological information.....	15
9 Extension mechanism of IFM.....	15
9.1 General.....	15
9.2 Attribute hooking.....	15
9.3 Subclasses.....	15
Annex A (normative) Abstract test suite.....	17
Annex B (normative) Data dictionary.....	19
Annex C (informative) The referenced relationship with BuildingModel of CityGML 3.0.....	34
Annex D (informative) The referenced relationship with IFC.....	38
Annex E (informative) The referenced relationship with IndoorGML 1.1.....	42
Bibliography.....	43