

IO-Link

Specifications Validity Periods

Version ~~x.x~~

September 2024

Order No: 10.312

Specifications Validity Periods

Purpose

This document is part of the IO-Link Product Quality Policy. The document provides an overview of available IO-Link specifications and rules their current status of validity within the life cycle.

The document is intended as a reference for IO-Link requirements in regards to product definitions, developments and qualifications.

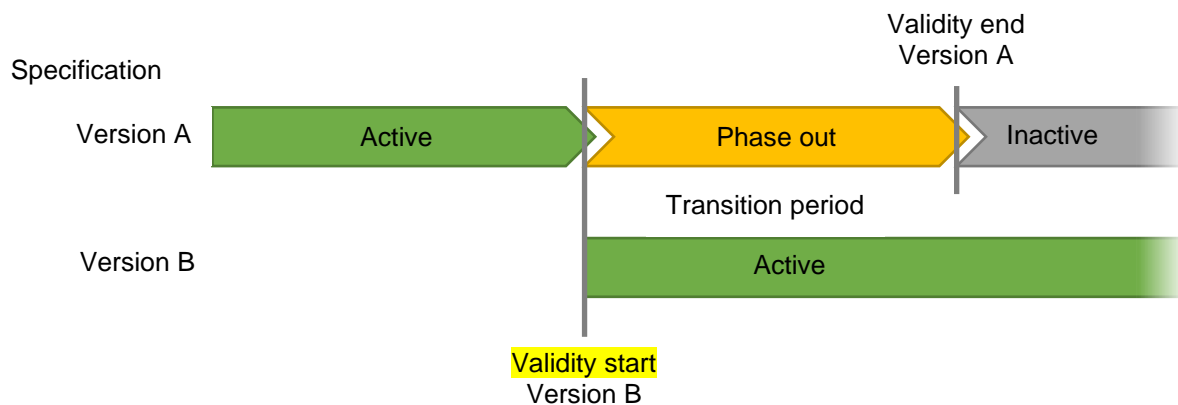
Rules

Changes to previous document version are marked in yellow.

Definition of Status

Status	Description
Active	The specification is released and shall be the base for product developments and qualification.
Phase out	A new version of this specification is available. Product developments should be based on the new version, marked as 'Active'. After expiration of the specification defined by the date at 'Validity end', it is not permitted to release new products based on this specification version.
Inactive	A newer version of this specification is available. It is not permitted to release new products based on this specification version.

Validity periods



Specifications Validity Periods

IO-Link Base Specification Packages

Package	Validity start	Status	Validity end
Package 2015 & Corrigendum <ul style="list-style-type: none"> Corrigendum & Package 2015 IO-Link Interface and System Specification V1.1.2 IO-Link Test Specification V1.1.2 IO-Link Test Specification CorrVersion V1.1.2 IO Device Description Specification V1.1 IO-Link Device Description Specification V1.0.1 <small>Note)</small> IO-Link Manufacturer Declaration V1.1.2 Mar. 2024 	Feb. 2016 July 2013 July 2014 Feb. 2021 Aug. 2011 Mar. 2010 Mar. 2024	Inactive	2023-12-31
Package 2020 & Corrigendum <ul style="list-style-type: none"> Corrigendum & Package 2020 IO-Link Interface and System Specification V1.1.3 IO-Link Test Specification V1.1.3 IO Device Description Specification V1.1.3 IO-Link Device Description Specification V1.0.1 <small>Note)</small> IO-Link Manufacturer Declaration V1.1.3 Jan. 2022 	Feb. 2021 July 2019 Jan. 2021 Jan. 2021 Mar. 2010 Jan. 2022	Phase out	2025-03-31
Package 2024 <ul style="list-style-type: none"> IO-Link Interface and System Specification V1.1.4 IO-Link Test Specification V1.1.4 IO Device Description Specification V1.1.4 IO-Link Device Description Specification V1.0.1 <small>Note)</small> IO-Link Common Profile Specification V1.2 IO-Link Manufacturer Declarations V1.1.4 Sep. 2024 	Sep. 2024 Sep. 2024 Sep. 2024 Mar. 2010 Sep. 2024 Sep. 2024	Active	

Note): Use for backward compatibility to IO-Link V1.0 devices only

IO-Link Profiles

Specification	Validity start	Status	Package
Common Profile			
IO-Link Common Profile Specification V1.0	Jul. 2017	Inactive	2015
IO-Link Common Profile Specification V1.1	Dec. 2021	Phase out	2020
IO-Link Common Profile Specification V1.2	Sep. 2024	Active	2024
Firmware Update			
IO-Link Profile BLOB Transfer & Firmware Update Specification V1.1	Sep. 2019	Phase out	2020
IO-Link Profile BLOB Transfer & Firmware Update Specification V1.2	Sep. 2024	Active	2024
Smart Sensor Profile			
IO-Link Smart Sensor Profile Specification V1.0	Oct. 2011	Inactive	2015
IO-Link Smart Sensor Profile Specification Ed. 2 V1.0	Mar. 2017	Inactive	2015
IO-Link Smart Sensor Profile Specification Ed. 2 V1.1	Sep. 2021	Phase out	2020
IO-Link Smart Sensor Profile Specification Ed. 2 V1.2	Jan. 2024	Active	2024

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IO-Link Safety System Extensions

Specifications	Validity start	Status	Package
• IO-Link Safety System Extensions with SMI Specification V1.1	Apr. 2018	Inactive	
• IO-Link Safety System Extensions with SMI Specification V1.1.3	Mar. 2022	Inactive	
• IO-Link Safety – Test & Assessment V1.1	Mar. 2022	Inactive	
• IO-Link Safety System Extensions with SMI Specification V1.1.4	Sep. 2024	Active	2024
• IO-Link Safety – Test & Assessment V1.1.4	Sep. 2024	Active	2024

IO-Link Wireless System Extensions

Specifications	Validity start	Status	Package
• IO-Link Wireless System Extensions Specification V1.1	Mar. 2018	Inactive	
• IO-Link Wireless System Extensions Specification V1.1.3	Jun. 2022	Active	2020-2024
• IO-Link Wireless System Extensions Test Specification V1.1.3	Jun. 2023	Active	2020-2024

IO-Link Integration

Specifications	Validity start	Status	Package
OPC UA for IO-Link Companion Specification Release 1.0 <small>Note)</small>	Dec. 2018	Active	2015-2024
JSON Integration for IO-Link V1.0.0	Mar. 2020	Active	2015-2024

Note): Specification management by OPC Foundation