TSW202 PROFINET

[TSW202 Certification & Approvals](#) **> TSW202 PROFINET**

PROFINET logo

PROFINET is an industry technical standard for data communication over Industrial Ethernet, designed for collecting data from, and controlling equipment in industrial systems, with a particular strength in delivering data under tight time constraints. The standard is maintained and supported by Profibus and Profinet International, an umbrella organization headquartered in Karlsruhe, Germany.

☐

Contents

Description

Profinet implements the interfacing to peripherals. It defines the communication with field connected peripheral devices. Its basis is a cascading real-time concept. Profinet defines the entire data exchange between controllers (called "IO-Controllers") and the devices (called "IO-Devices"), as well as parameter setting and diagnosis. IO-Controllers are typically a PLC, DCS, or IPC; whereas IO-Devices can be varied: I/O blocks, drives, sensors, or actuators. The Profinet protocol is designed for the fast data exchange between Ethernet-based field devices and follows the provider-consumer model. Field devices in a subordinate Profibus line can be integrated in the Profinet system seamlessly via an IO-Proxy

TSW202

TSW202 was tested and certified in accordance with the PROFINET requirements.

TSW202 Reference Certification No. **Z13755**

Attachments

TSW202 PROFINET Certificate

To download a PDF version of the declaration, **click here**.

Disclaimer:

Test reports that are referenced in declarations and certificates can be provided upon request. For

the request to be approved, the recipient of the test reports should be a certification authority or certified test house. The recipients will be asked to sign a non-disclosure agreement (NDA).