

Inspection

PLC Communication Bus



Description

PLC communication buses are the basis for the machine to operate with the expected efficiency and performance.

If the bus is not in perfect working order, it can trigger repeated production stoppages, resulting in high costs.

i9s verifies the following communication buses: ProfiBUS, ProfiNET and DeviceNet.

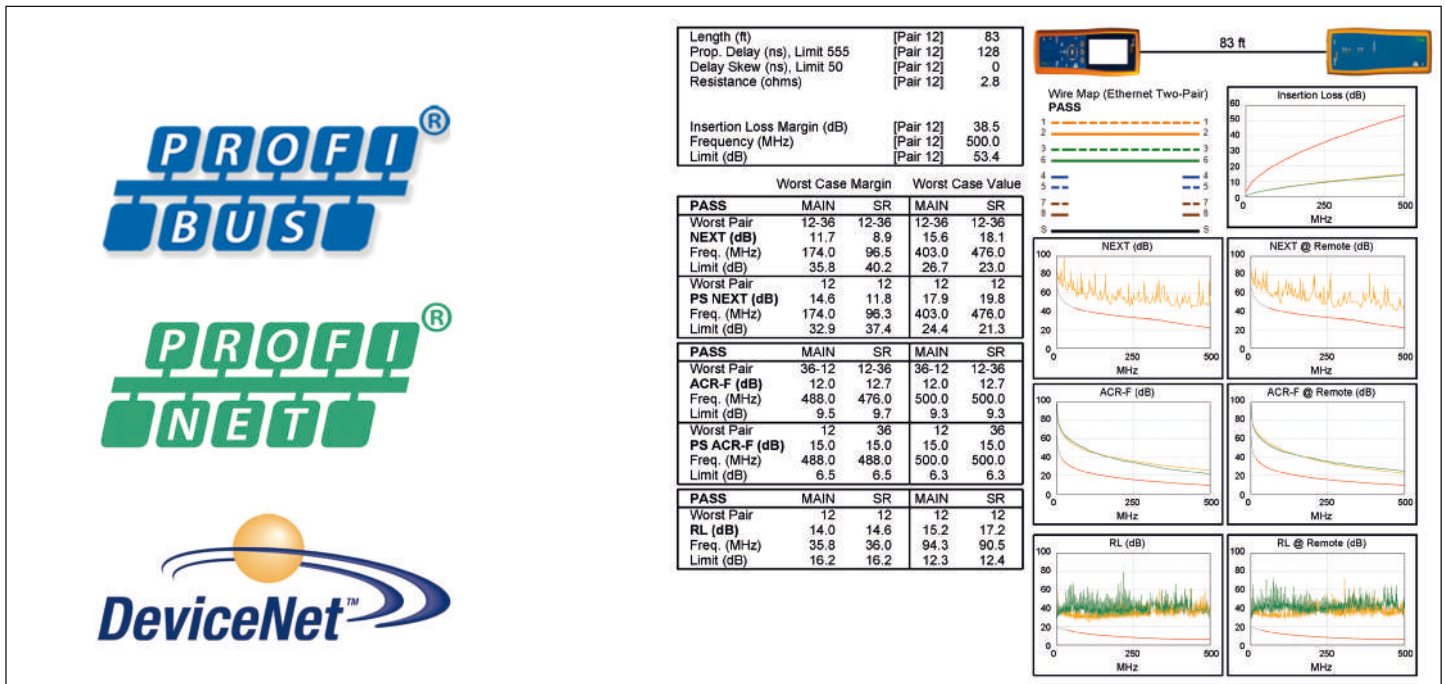
Specifications

The inspections are based on the specifications of the bus and measuring equipment manufacturers:

- Siemens
- Rockwell Automation

Examples

Examples are shown below:



Types of Field Buses of and example of ProfiNET copper cable measurements

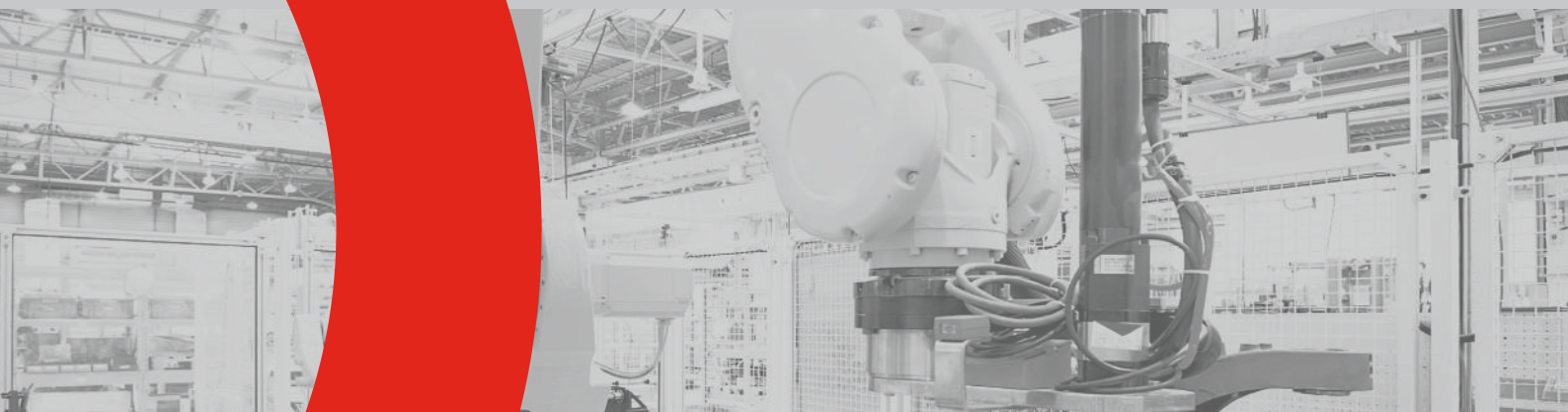
Scope of the inspection

Measuring equipment test protocols and specific checklists.

Documentation

The following is delivered with each inspection:

- A PDF format inspection form.
 - A list of possible Non-Conformities found.
- (In Spanish. Other languages on demand.)



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