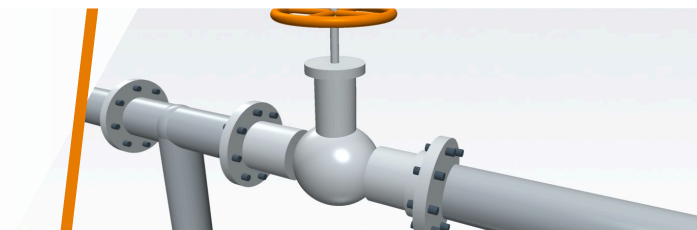


Connection Assistant for AutoCAD Plant 3D

End types and pipe connections to match the catalog - check and complete

 Task & goal

- ▶ Parts that fit together in Plant 3D.
- ▶ You want all parts to connect reliably – Plant 3D connects by size and end type.
- ▶ You want complete end codes and connections before modeling.

 Our solution

- ▶ Explains EndCodesConfig.xml and DefaultConnectorsConfig.xml.
- ▶ Matches them with the end types of your catalog.
- ▶ Adds missing end codes and connections.

Your advantage

- ▶ **Time saved:** Less searching while modeling.
- ▶ **Competitive edge:** Connections that work at the customer.
- ▶ **Simpler:** Explained instead of guessed.
- ▶ **Added value:** Original stays, changes as a list.

A catalog is only as good as the connections Plant 3D knows for it. The assistant reads your EndCodesConfig.xml and DefaultConnectorsConfig.xml, compares them with the end types of your catalog and adds missing end codes and pipe connections – so that flange meets flange, weld end meets weld end and fitting meets pipe correctly.

1

Dateien laden

EndCodesConfig.xml, DefaultConnectorsConfig.xml und optional den Katalog hier ablegen

oder klicken zum Auswählen – Katalog als .pcat oder ZIP. Nichts wird hochgeladen: alles bleibt in Ihrem Browser.

!

EndCodesConfig.xml – noch nicht geladen [Autodesk-Standard verwenden](#)

!

DefaultConnectorsConfig.xml – noch nicht geladen [Autodesk-Standard verwenden](#)

☐

Katalog – optional – Endtypen des Katalogs werden gegen die Konfiguration geprüft (oder zuerst im [Katalogprüfen](#) - prüfen)

Kommen Sie mit dem Werkzeug „Verbindungsassistent“ zurecht?

☐ Ja, gut

☐ Nicht ganz

» Frage, Fehler oder Erklärungswunsch an unser Team

[illegible]

Connection Assistant: check end types and connection rules

Fitting in the catalog - its own end type per connection

- ✓ **Checks**
end types, pipe connections, overlaps
- ✓ **Adds**
end code + connection rule per catalog end type
- ✓ **No upload**
runs in your browser – your files stay on your computer
- € **€0**
free with a customer account
- ✓ **Plant 3D 2027**
tested - as of 10/2026

WHY END CODES?

With correct end codes

parts snap together correctly when routing; gaskets, bolt sets and clamps appear automatically in model, BOM and isometric; validation reliably finds open ends

With missing or wrong ones

parts do not connect, gaskets and bolts are missing in BOM and iso - or Plant 3D connects what does not fit. Errors often show up only when ordering

HOW TO PROCEED

- ## 1 Back up
- copy both files

- ## 2 Load
- files + catalog into the assistant

- ### 3 Complete
- check type and counterpart per end type

- #### 4 Replace
- close Plant 3D, swap files, test

TYPICAL CASES

Flanges type C/D, E/F

tongue/groove and male/female only in pairs – own end codes

Compression fittings

fitting body with its own end type on the plain pipe end

Union and slotted nuts

threaded and cone parts as a pair, e.g. DIN 11851, DIN 11864-1

Clamp and aseptic

clamp ferrules with gasket and clamp, block flange, Varivent

Press fittings

standard end type "P" or a custom rule

Custom configurations

same end types for different connections – the assistant shows overlaps

Together with the Catalog Checker: The Catalog Checker reports additional end codes of a catalog and passes them straight to the assistant. Help with setup: support or spec creation.

Questions and help: vertrieb@seitz-ingenieure.de • +49 69 9450725-0 • www.seitz-ingenieure.de/verbindungsassistent/