Local catalogue draft · Preview only. Product data and documents are not released. Open catalogue review

Draft with publication block

This view is not engineering approval. Open and withheld information remains unresolved.

▶ 7 open or withheld review cases



Product view 1 / 1

JOINT PARTS

Rotatable Wall-Mounted Hinge Vertical Outlet

Article number
X-L-WGV01

REQUEST A QUOTE

The rotary wall joint attaches a vertically arranged support-arm profile in the X-L system to the side of a wall or machine structure. The vertical profile outlet defines the connection direction of the arm assembly. The joint allows the connected support arm to pivot while the wall attachment remains in place. It forms an articulated transition between the fixed mounting structure and the support arm carrying the operator enclosure.

Weight
5,750 g

Material
Aluminum

Colour
RAL 7035 (Cover RAL 7016)

Package Dimensions
280 × 200 × 210 mm

HS Code
7606.99.90.19

Warranty
5 years

Technical data

Specifications for planning, selection and use at a glance.

Material & finish

Material Composition	Aluminum
Colour	RAL 7035 (Cover RAL 7016)
RAL colours	RAL 7035 / RAL 7016

Application & function

Operating Weight	5,750 g
Primary Use Case	Machine Building / Automation / HMI operator stations
Operating Temperature	–40°C to +70°C
Protection Rating	–IP65 (DIN EN 60529)
Rated Voltage	Mechanical (not subject to electrical certification)
Movement	Rotatable 315°
Rotation angle	315°

Safety & compliance

Earthing	Yes, integrated solution
RoHS Compliance	RoHS EU Directive 2011/65/EU
REACH Compliance	REACH Regulation 1907/2006/EC
Certification	IEC 60529; (EG) No. 765/2008; (EU) 2023/956

Ordering & delivery information

Package dimensions

280 × 200 × 210 mm

Pack quantity

1

HS Code

7606.99.90.19

Warranty

5 years

Version & enquiry

Use the item number and version to prepare your enquiry.

SKU ↑	WEIGHT (G) ↑↓	Choose a version
SKU: X-L-WGV01	5750	Select

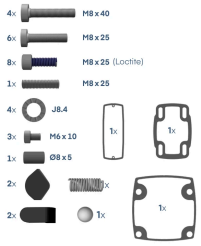
Assembly instructions

▶ About these instructions

Assembly sequence prepared from the exact XINDUX article data sheet. Tightening torques not specified in the source document are deliberately not added.

▼ Preparation & tools

Supplied and installation parts



Required tools

Allen key suitable for the fasteners

Torque wrench for the final engineering check



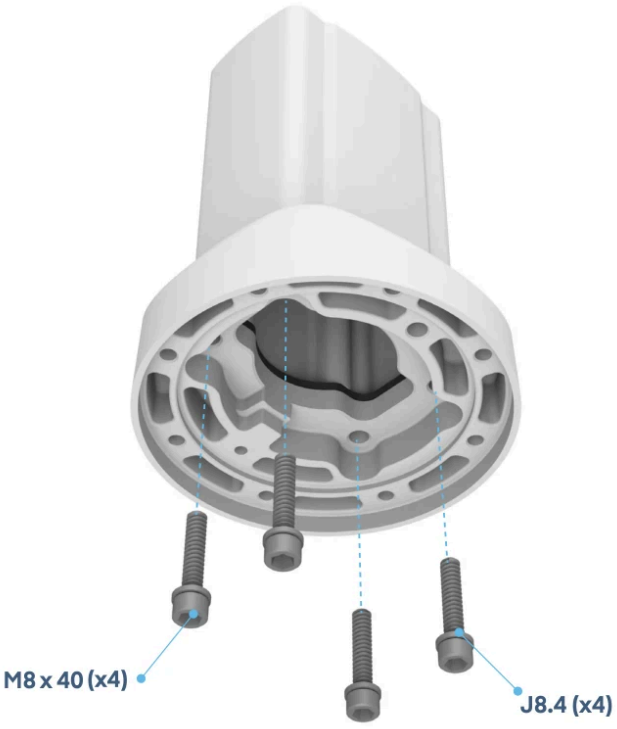
1. Insert the gasket

Remove the yellow tape. Insert the profile-side connection seal with the adhesive surface to the component into the seal holder shown without folds.



2. Connect the profile

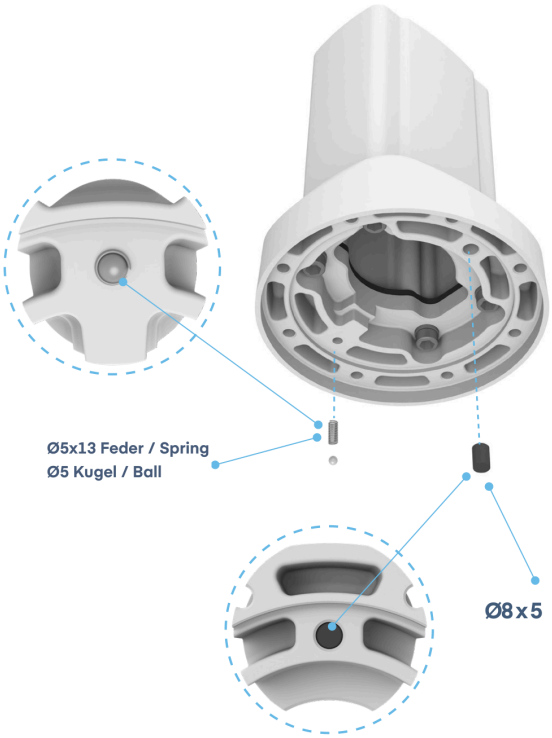
Insert the profile into the coupling as shown in the figure on the left.



3. Fasten the connection

Tighten the profile bolts.

- M8 × 40
- J8.4



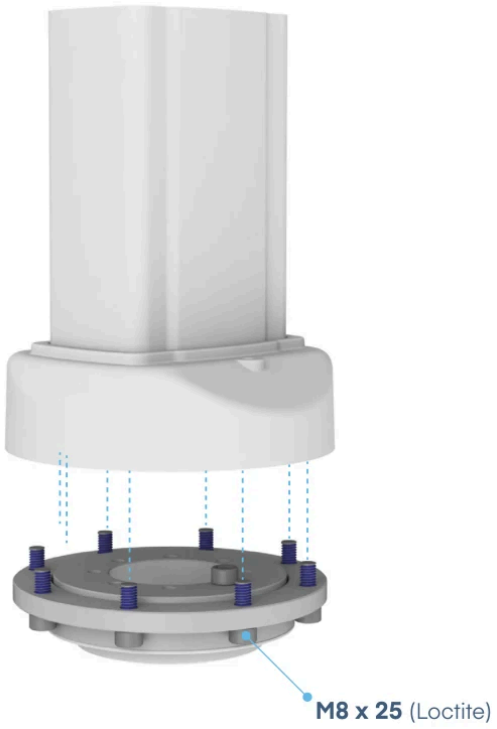
4. Connect the grounding

Insert the grounding ball, compression spring and plastic plug into the slots provided.



5. Set the rotation range

Note: The plastic plug and set screw should be in the same hole.



6. Fasten the connection

Connect the profile coupling housing and the pivot bearing unit and fasten the connection evenly with eight M8 × 25 screws with threadlocker.

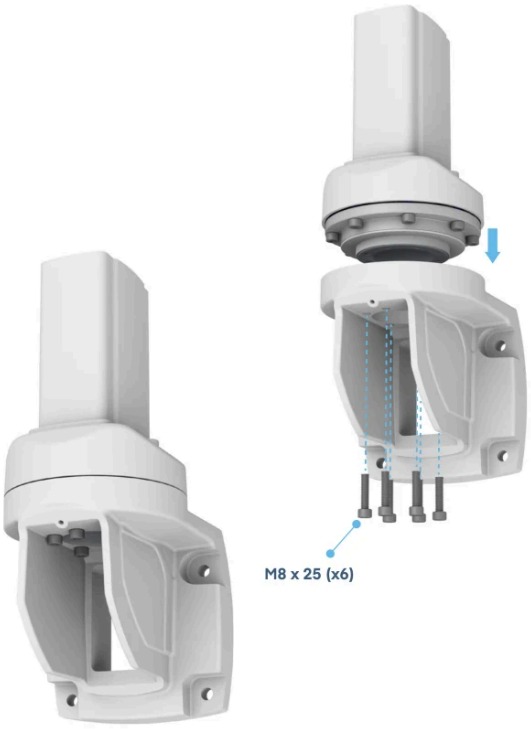
- M8 × 25



7. Inspect the assembly

Check whether the assembly is as shown in the figure.

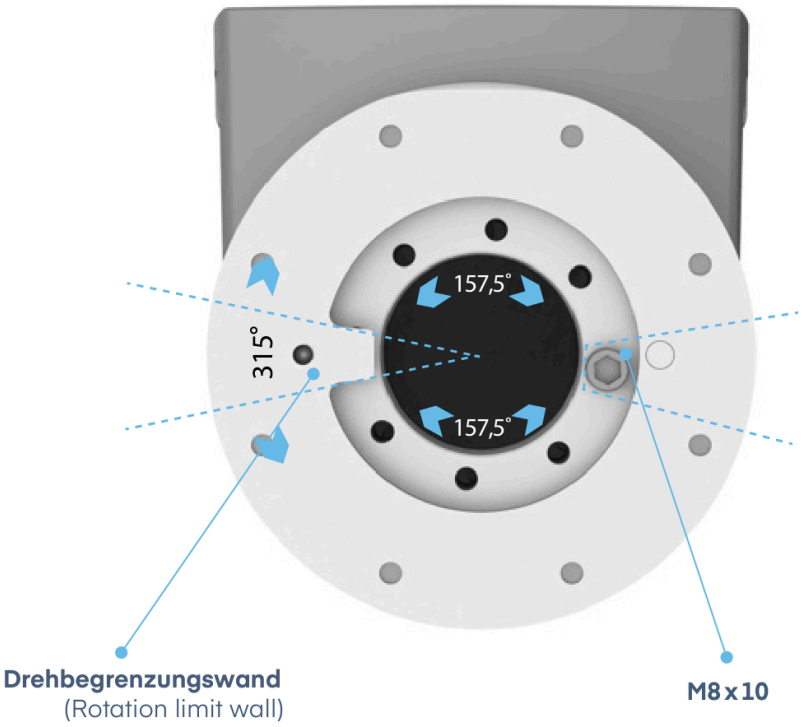
- M8 × 25



8. Prepare the components

Combine the assembled top with the bottom.

- M8 × 25

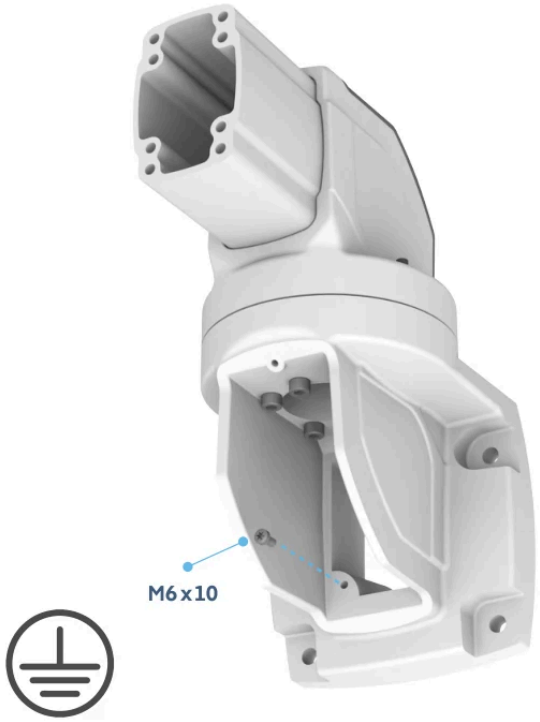


9. Set the rotation range

> **Attention: You can limit the clockwise and counterclockwise rotation of the module with M8 × 10 screws.**

Attention: You can limit the clockwise and counterclockwise rotation of the module with M8 × 10 screws. There are eight equally spaced holes on the module. Optionally you can set the rotation limits with two screws.

- M8 × 10



10. Connect the grounding

> **Caution: Make the ground connection and check that it is secure.**

Caution: Make the ground connection and check that it is secure.

- M6 × 10



11. Insert the gasket

Remove the yellow tape. Insert the cover seal with the adhesive surface to the black cover into its contour without folds.



12. Insert the gasket

Remove the yellow tape. Insert the seal to the mounting surface with the adhesive surface to the component into the seal holder shown without folds.

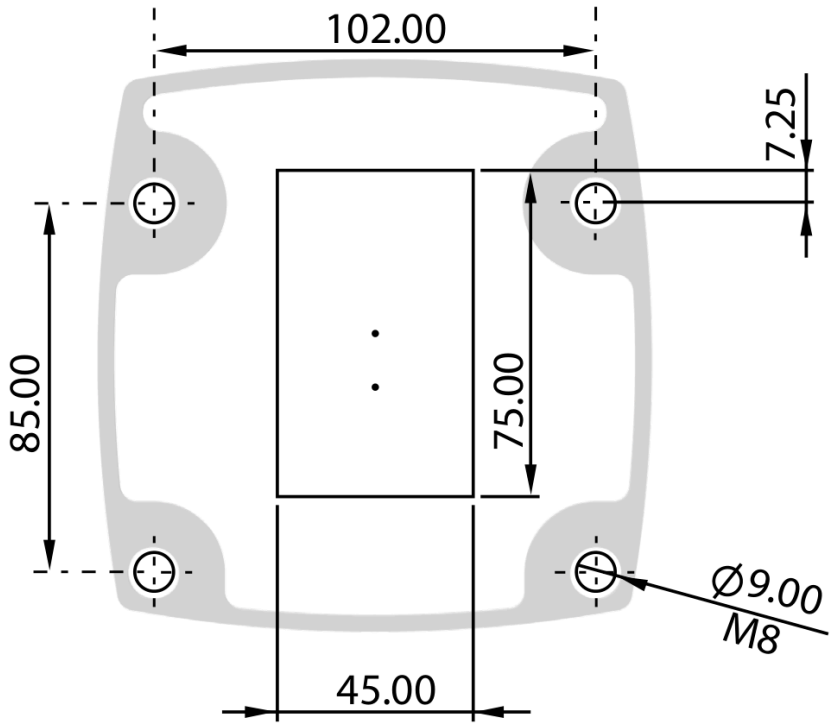


13. Fit the cover

> **The M8 mounting screws are not included.**

Place the black screw caps on the heads of the M8 screws. The M8 mounting screws are not included.

- M8



14. Prepare the mounting holes

If required, prepare the mounting holes according to the dimensioned drawing. All dimensions are given in millimetres.