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 Horizontal Outlet

Article number
X-L-WGH01

REQUEST A QUOTE

The rotary wall joint attaches a support arm in the X-L system to the side of a wall or machine structure. Its horizontal profile outlet directs the arm away from the mounting surface. The rotary connection allows the connected arm to pivot in the horizontal plane. The joint forms the articulated wall-side connection point through which the operator enclosure can be positioned at the workstation.

Weight
6,500 g

Material
Aluminum

Colour
RAL 7035 (Cover RAL 7016)

Package Dimensions
390 × 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	6,500 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

390 × 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-WGH01	6500	Select

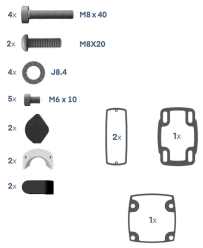
Assembly instructions

▶ 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.

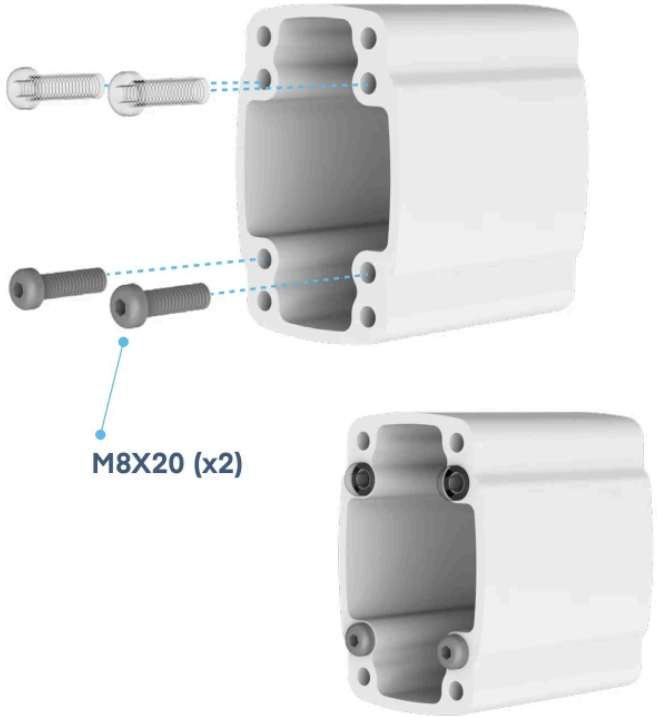
▼ Preparation & tools

Supplied and installation parts



Required tools

Allen key suitable for the fasteners Torque wrench for the final engineering check



1. Fasten the connection

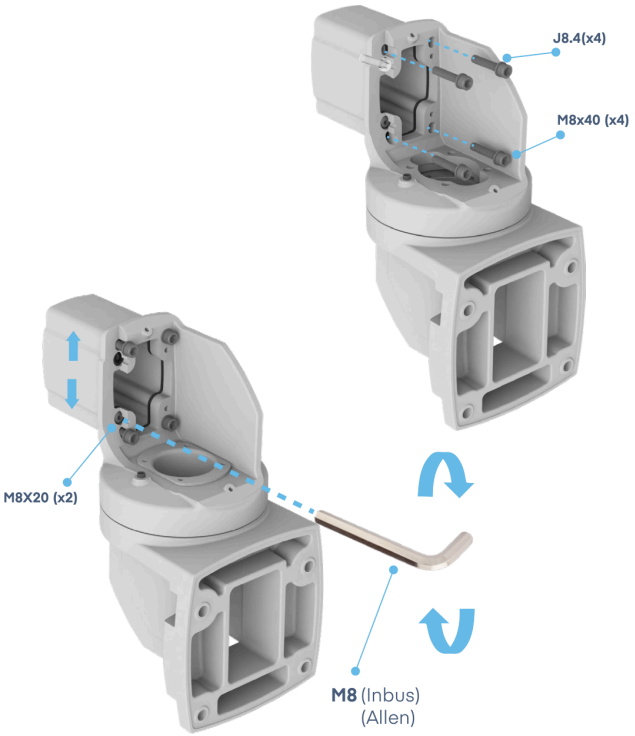
Insert the angle bolts into their slots and tighten.

- M8 × 20



2. Insert the gasket

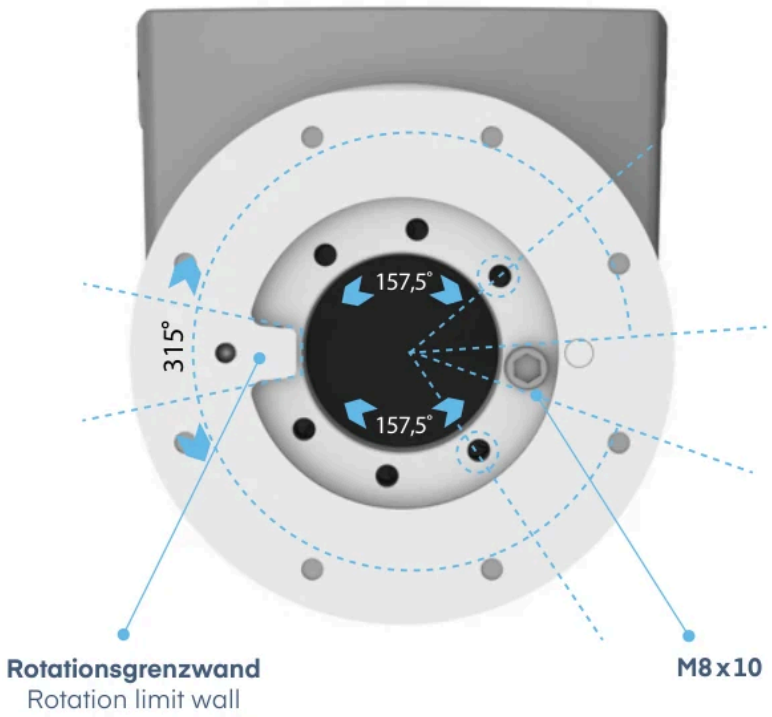
Remove the yellow tape. Insert the profile-side connection seal with the adhesive surface to the component into the seal holder shown without folds.



3. Align the system

Angle bolts are used to prevent the profile from sagging due to the heavy weight that can occur with long support arm profiles. M8 × 20 angle bolts prevent weight-related sagging in long support arm profiles. If no sagging occurs, the angle bolts remain in the tightened position. If there is deflection, loosen the M8 × 40 profile bolts by 2-3 mm depending on the required angle, align the profile and then tighten it again. Check the inclination with a spirit level.

- M8 × 40
- J8.4
- M8
- M8 × 20



4. 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



5. Install the cable guide

Place the plastic cable protector as shown in the illustration on the left.



6. Insert the gasket

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



7. Fit the cover

Position the top case cover and secure with the screws shown.



8. 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



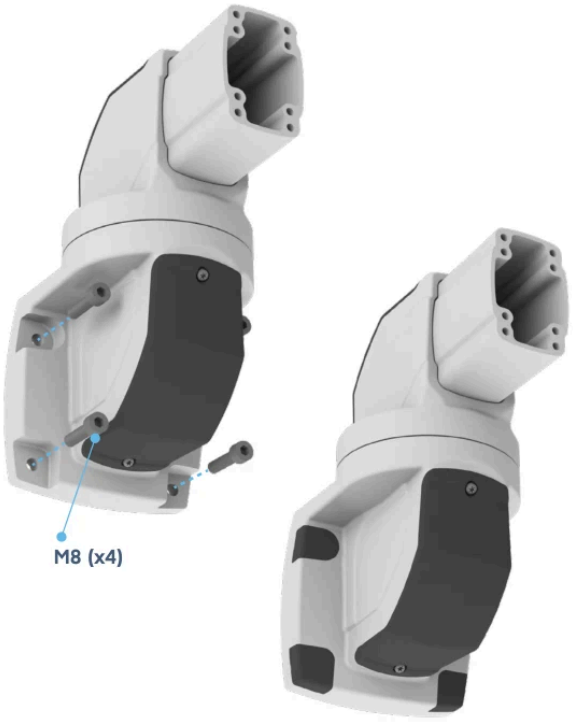
9. Fit the cover

Position the side case cover and secure with the screws shown.



10. 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.

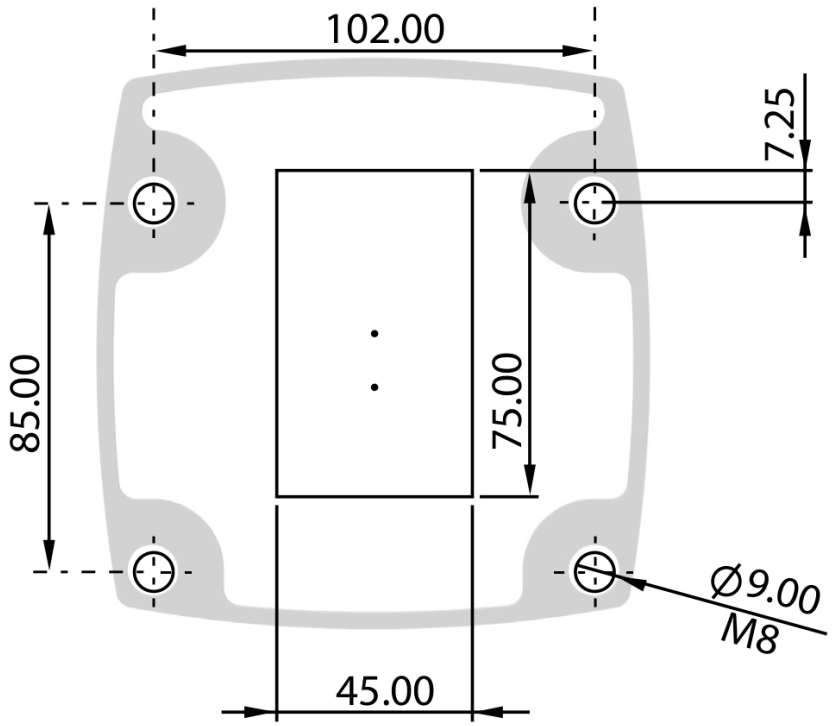


11. Fit the cover

> **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



12. Prepare the mounting holes

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