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 Top Mounted 90° Angle Joint

Article number
X-L-AGH01

REQUEST A QUOTE

The rotary top-mounted joint connects the support arm in the X-L system to a top mounting point. Its 90° form directs the connected profile horizontally away from the attachment point. The rotary connection allows the arm to pivot and the connected operator enclosure to be aligned. The joint forms the transition between the fixed mounting surface and the articulated arm assembly with a horizontal profile outlet.

Weight
5,900 g

Material
Aluminum

Colour
RAL 7035 (Cover RAL 7016)

Package Dimensions
210 × 240 × 220 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	5,900 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

210 × 240 × 220 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-AGH01	5900	Select

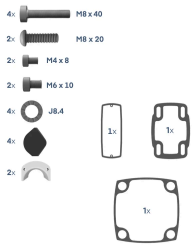
Assembly instructions

▶ 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

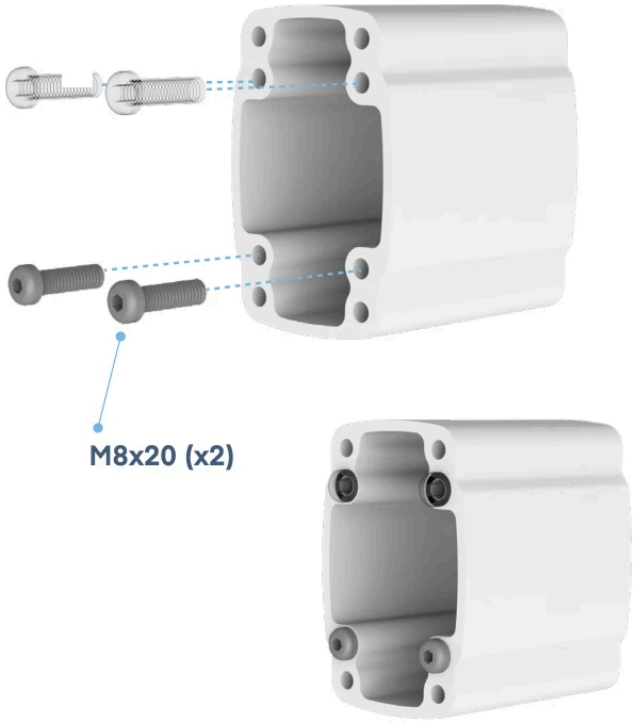
Supplied and installation parts



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

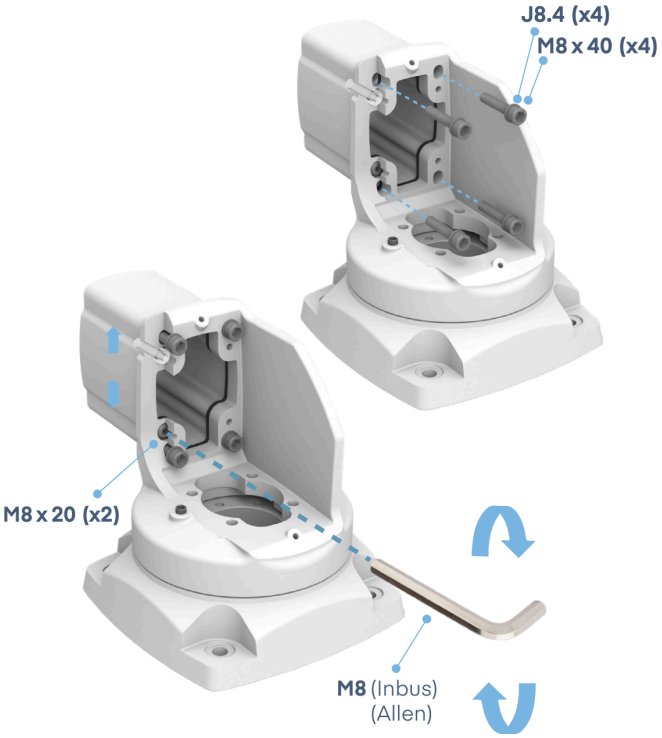
Remove the yellow tape. Insert the profile-side connection seal with the adhesive surface to the component into the seal holder shown without folds.



3. Connect the profile

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

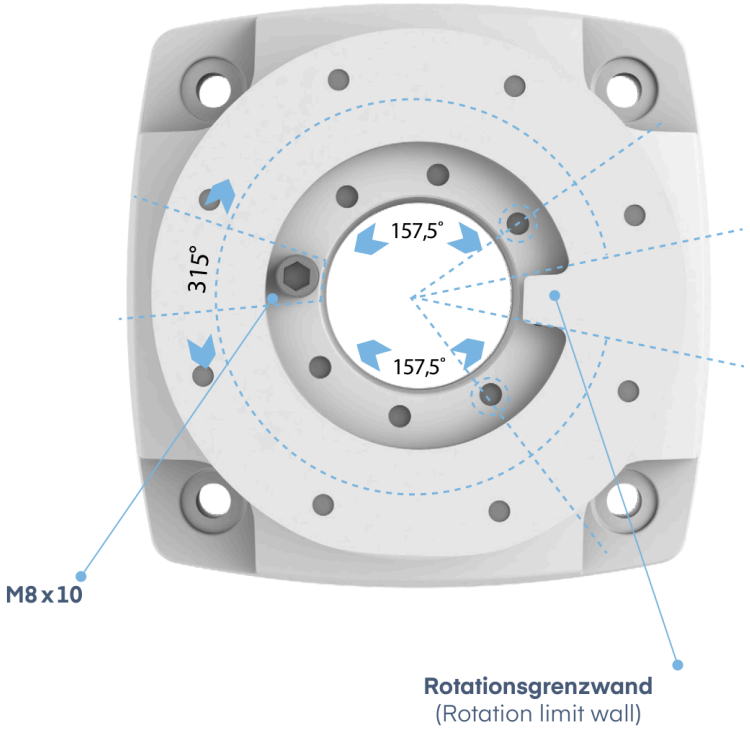
- M8 × 20



4. Align the system

Check the support arm profile with a spirit level. Only if there is visible deflection, loosen the M8 × 40 profile bolts by 2-3 mm depending on the required correction angle, align the profile with the M8 × 20 angle bolts and then tighten all profile bolts again.

- M8 × 40
- M8 × 20



5. Set the rotation range

Set the desired rotation range using the eight evenly spaced stop holes. Use one M8 × 10 rotation limit screw for each desired stop.

- M8 × 10



6. Install the cable guide

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



7. Insert the gasket

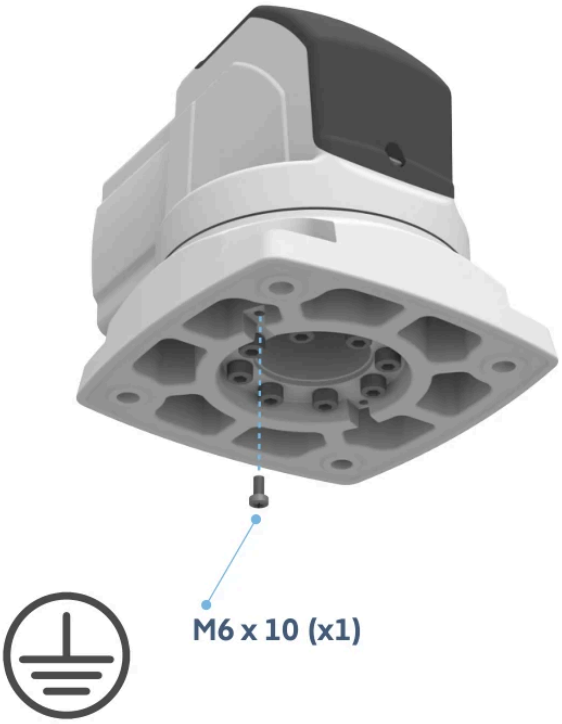
Remove the yellow tape. Insert the cover seal with the adhesive surface to the black cover into its contour without folds.



8. Fit the cover

Position the cover and secure it with the screws shown.

- M4 × 8

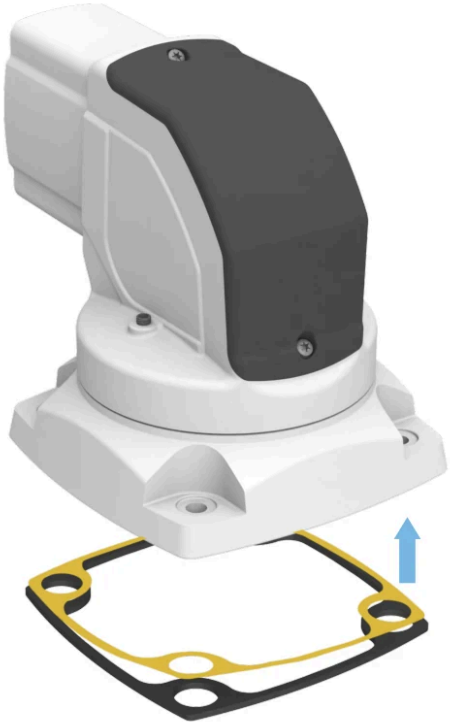


9. Connect the grounding

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

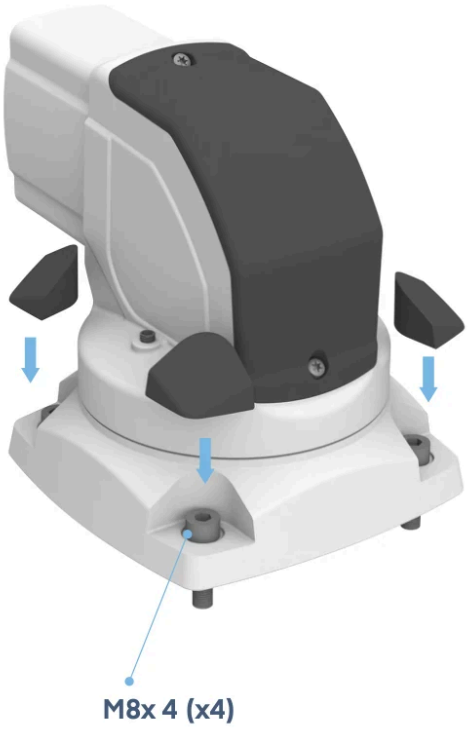
Caution: Make the ground connection and check that it is secure.

- M6 × 10



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.

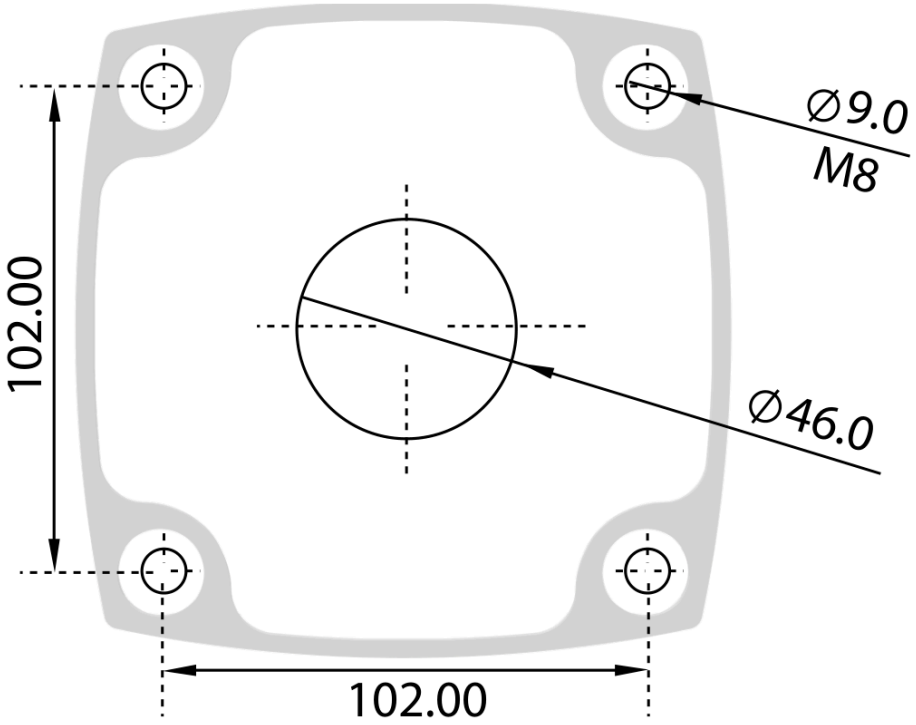


11. Fit the cover

> **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
- M8 × 4



12. Prepare the mounting holes

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