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.

▶ 8 open or withheld review cases



Product view 1 / 1

ADAPTORS / JOINT PARTS

Rotatable Intermediate Hinge

Article number
X-L-ZG01

REQUEST A QUOTE

The intermediate joint connects two arm sections of the X-L support-arm system through a rotary connection. Its additional joint axis allows the sections to pivot relative to one another in the horizontal plane and the connected operator enclosure to be aligned. Positioned between the profile sections, the component adds movement to their connection and forms an articulated connection point within the support-arm assembly.

Weight
5,700 g

Material
Aluminum

Colour
RAL 7035 (Cover RAL 7016)

Package Dimensions
355 × 180 × 175 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	5,700 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

355 × 180 × 175 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-ZG01	5700	Select

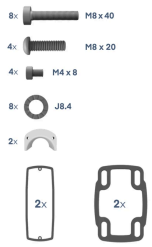
Assembly instructions

▶ 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

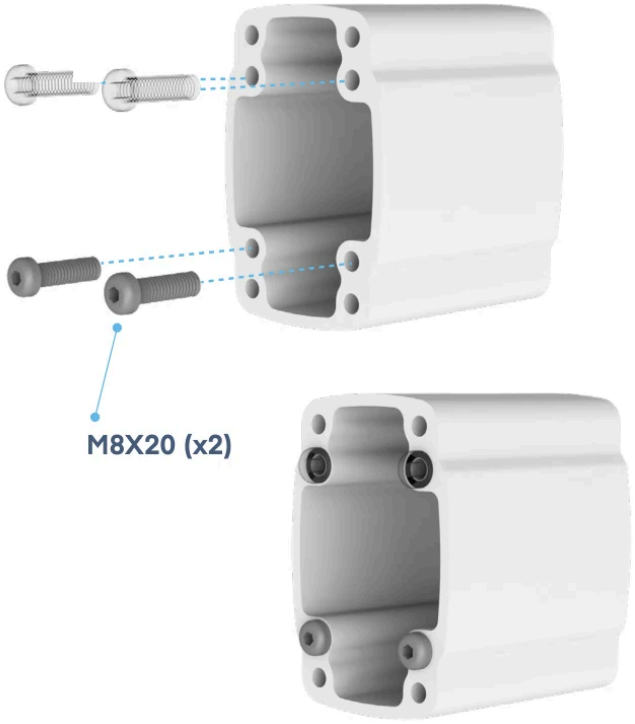
Supplied and installation parts



Required tools

Allen key suitable for the fasteners

Torque wrench for the final engineering check



1. Fasten the connection

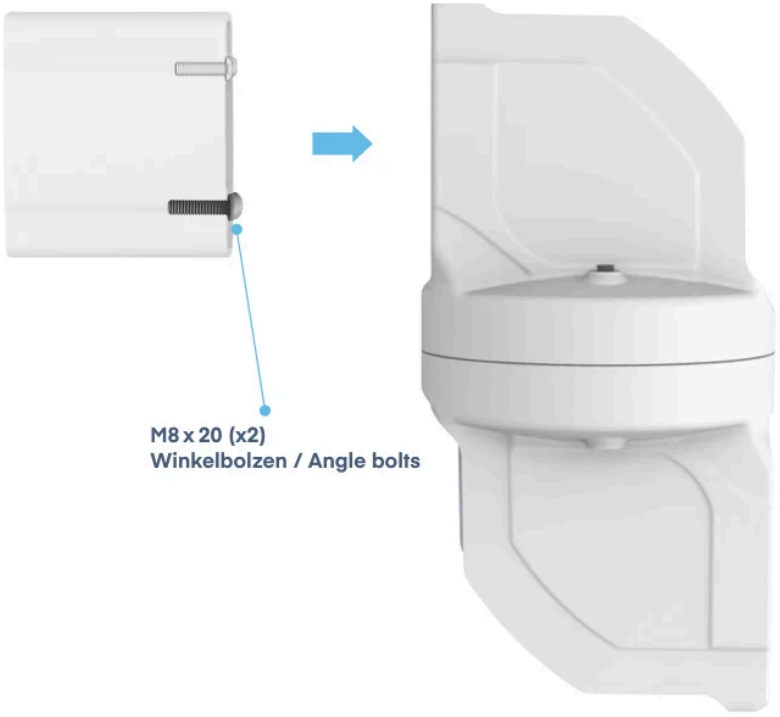
Insert the angle bolts into their slots and tighten.

- 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.



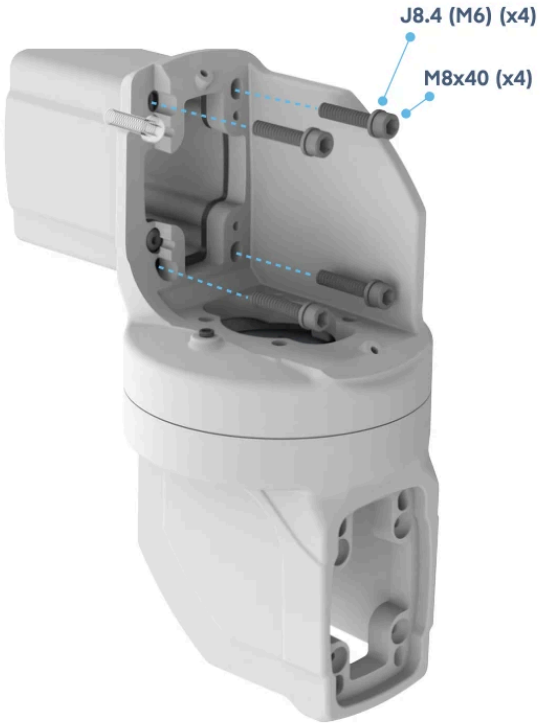
3. Connect the profile

Completely establish the first profile connection shown.



4. Inspect the assembly

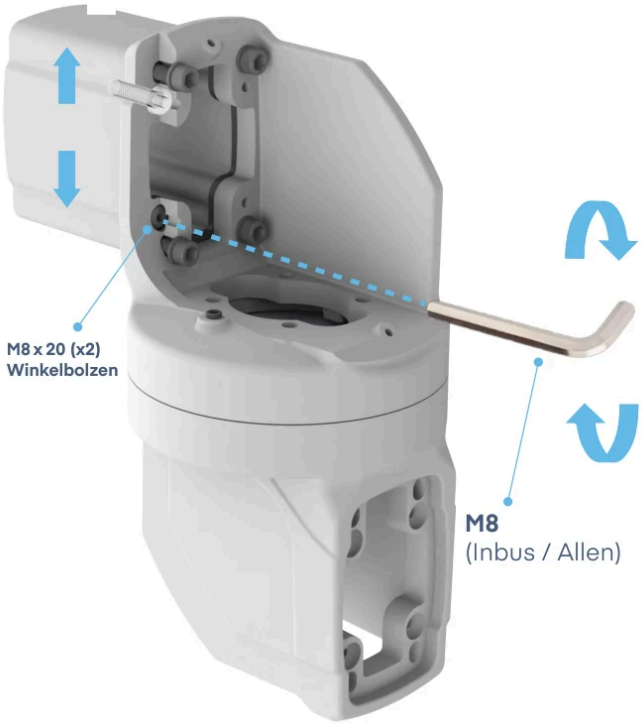
Check whether the assembly is as shown in the figure.



5. Align the system

Attach the first support arm profile with four M8 × 40 profile bolts and four J8.4 lock washers. Only if there is visible deflection, loosen the profile bolts by 2-3 mm, align the profile with the two M8 × 20 angle bolts and then tighten all profile bolts again.

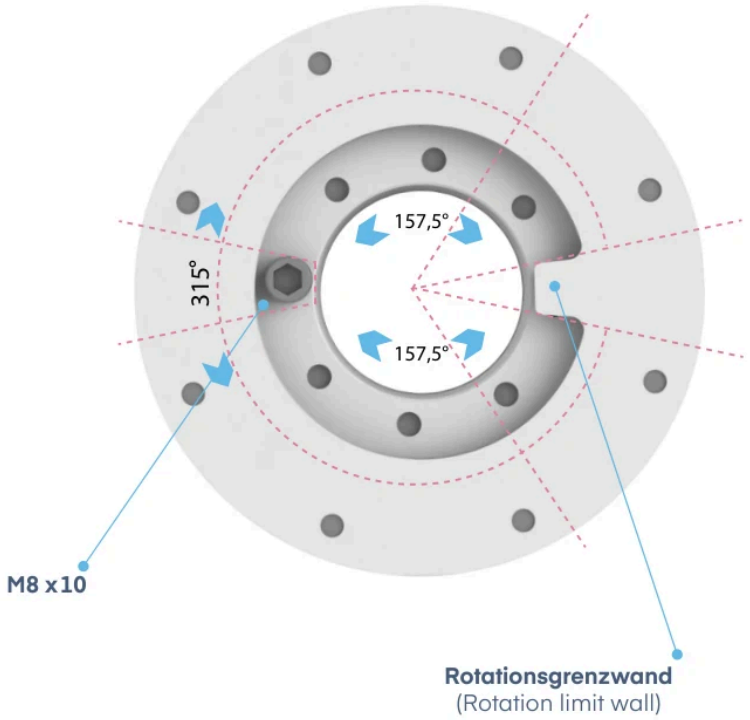
- M8 × 40
- J8.4
- M8 × 20



6. 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
- M8 × 20



7. Set the rotation range

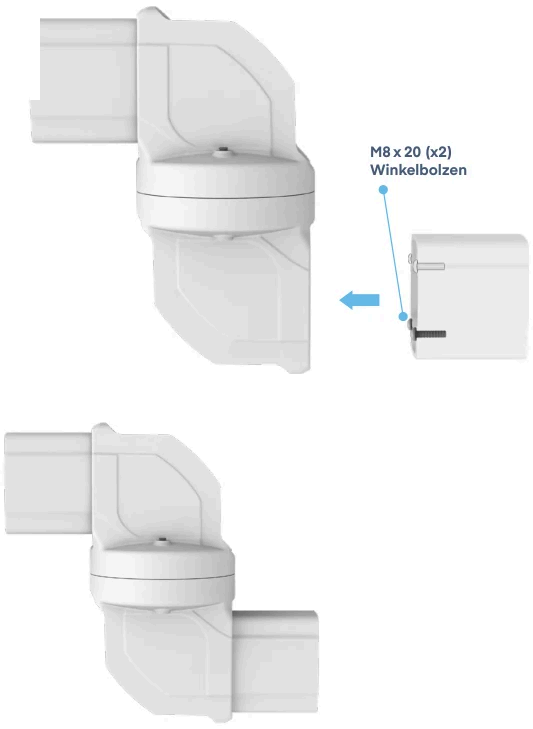
Set the desired rotation range using the eight evenly spaced stop holes. Use one M8 × 10 rotation limit screw for each desired stop.

- M8 × 10



8. Install the cable guide

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



9. Connect the profile

Completely establish the second profile connection shown.



10. Insert the gasket

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



11. Fit the cover

Position and install the covers and screws as shown in the illustration.

- M4 × 8



12. Insert the gasket

Check whether the seal is seated well.