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.

▶ 9 open or withheld review cases



Product view 1 / 1

ADAPTORS / JOINT PARTS

90° Angle Piece

Article number
X-L-WS01

REQUEST A QUOTE

The fixed 90° elbow connects a horizontal support-arm profile to a vertical profile in the X-L system. It changes the direction of the profile arrangement and forms a rigid connection point, without introducing an additional rotary axis. The elbow is used where the support-arm assembly requires a fixed change of direction and movement is to be provided by other joints in the system.

Weight
1,650 g

Material
Aluminum

Colour
RAL 7035 (Cover RAL 7016)

Package Dimensions
170 × 100 × 160 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	1,650 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	Fixed

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

Further information

Movement type	fest

Ordering & delivery information

Package dimensions

170 × 100 × 160 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-WS01	1650	Select

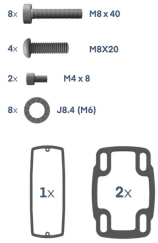
Assembly instructions

▶ 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.

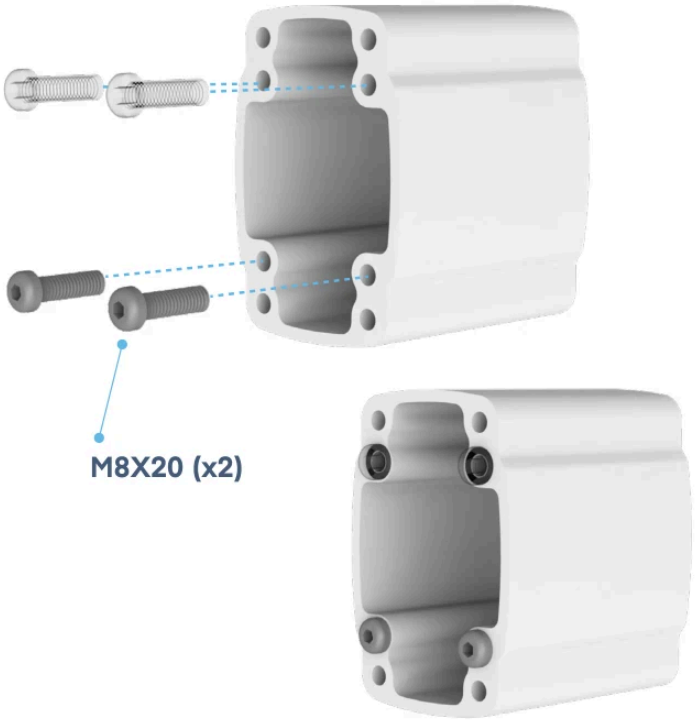
▼ Preparation & tools

Supplied and installation parts



Required tools

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



1. Fasten the connection

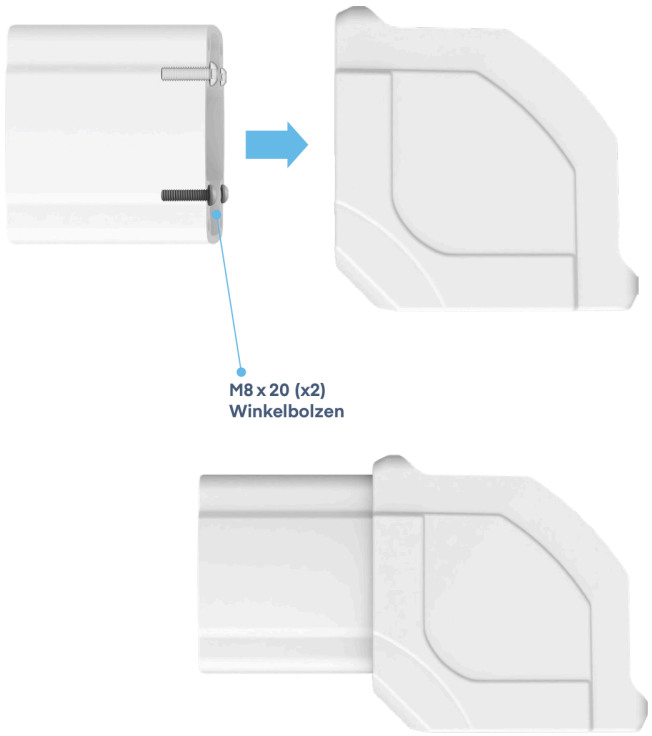
Insert the angle bolts into their slots and tighten.

- M8 × 20



2. Insert the gasket

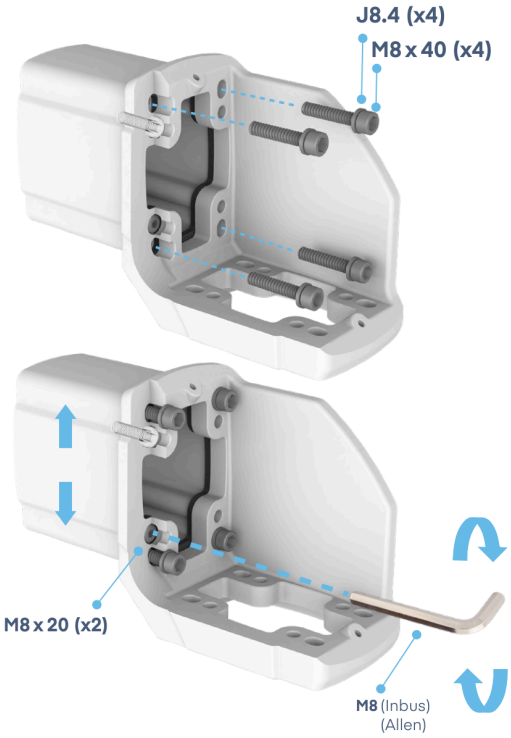
Remove the yellow tape. Insert the profile-side connection seal with the adhesive surface to the component into the seal holder shown without folds.



3. Connect the profile

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

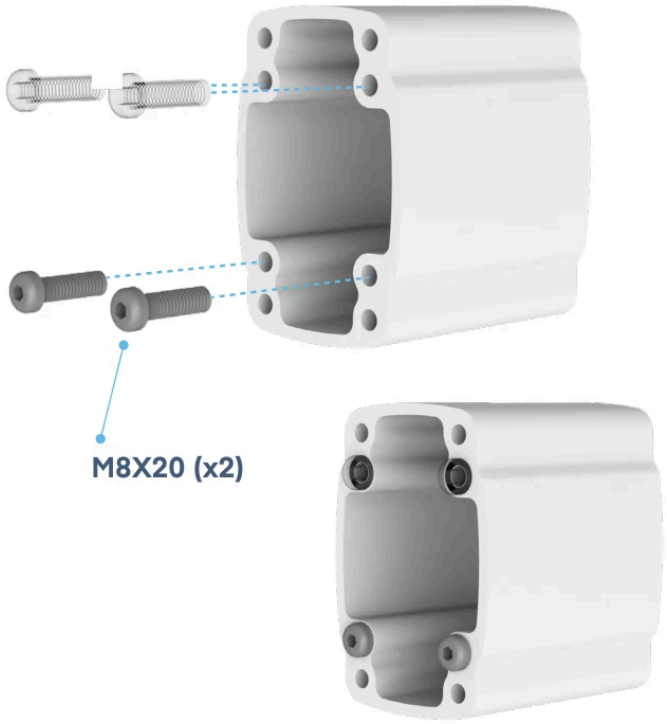
- M8 × 20



4. Align the system

Attach the 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.

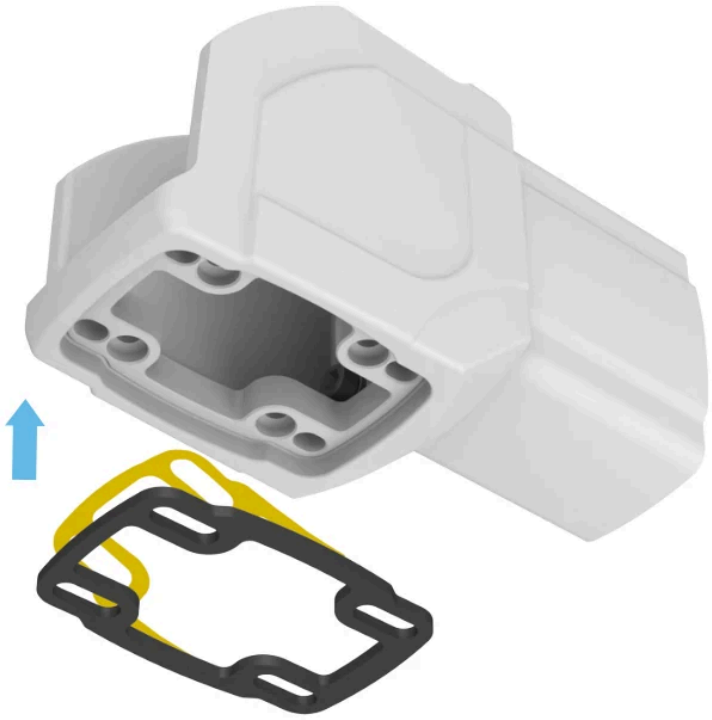
- M8 × 40
- J8.4
- M8 × 20



5. Fasten the connection

Insert two M8 × 20 angle bolts into the threaded holes shown in the second profile connection and first tighten them fully.

- M8 × 20



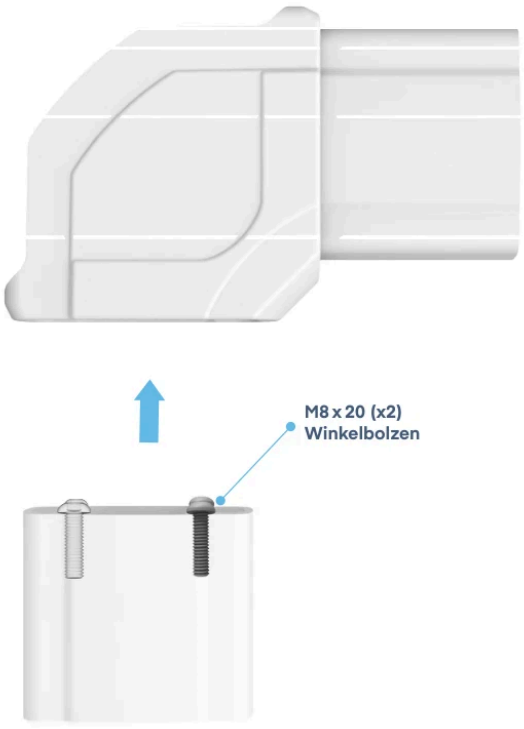
6. Insert the gasket

Remove the yellow tape. Insert the seal of the lower connection with the adhesive surface to the component without folds.



7. Inspect the assembly

Check whether the assembly is as shown in the figure.



8. Connect the profile

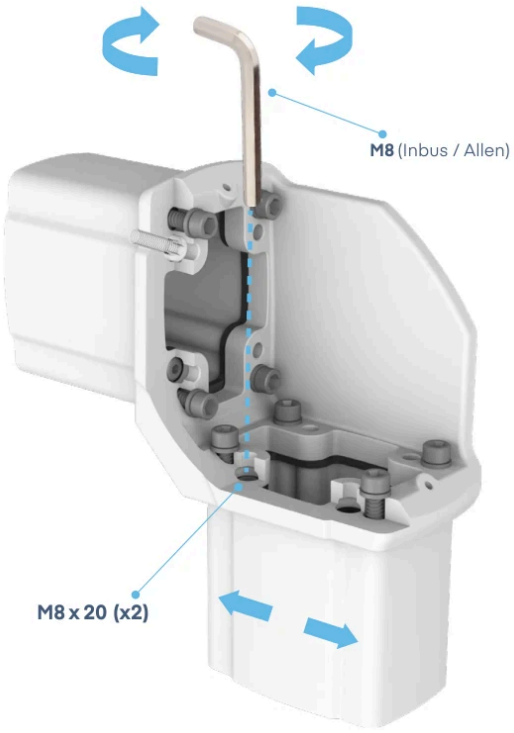
Slide the profile inwards in the direction of the arrow.

- M8 × 20



9. Prepare the components

Make sure the assembly is as shown in the picture.



10. 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



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. Fit the cover

Place the cover on the module and tighten the screws.

- M4 × 8



13. Insert the gasket

Check whether the seal is seated well.