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

PANEL COUPLING

Rotatable Panel 90° Angle Coupling

Article number
X-L-PWK01

REQUEST A QUOTE

The rotary angle panel coupling connects a support arm in the X-L system to the operator enclosure through a 90° change of direction. Its angled form turns the connection around a corner, while the rotary connection allows the panel to be aligned. Positioned directly at the enclosure connection, it combines a change of direction with movement, allowing the operating unit to be aligned with the workstation within this connection arrangement.

Weight
2,400 g

Material
Aluminum

Colour
RAL 7035 (Cover RAL 7016)

Package Dimensions
220 × 150 × 170 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	2,400 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

Further information

Diameter	133.5 mm

Ordering & delivery information

Package dimensions

220 × 150 × 170 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-PWK01	2400	Select

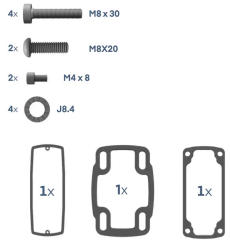
Assembly instructions

▶ 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.

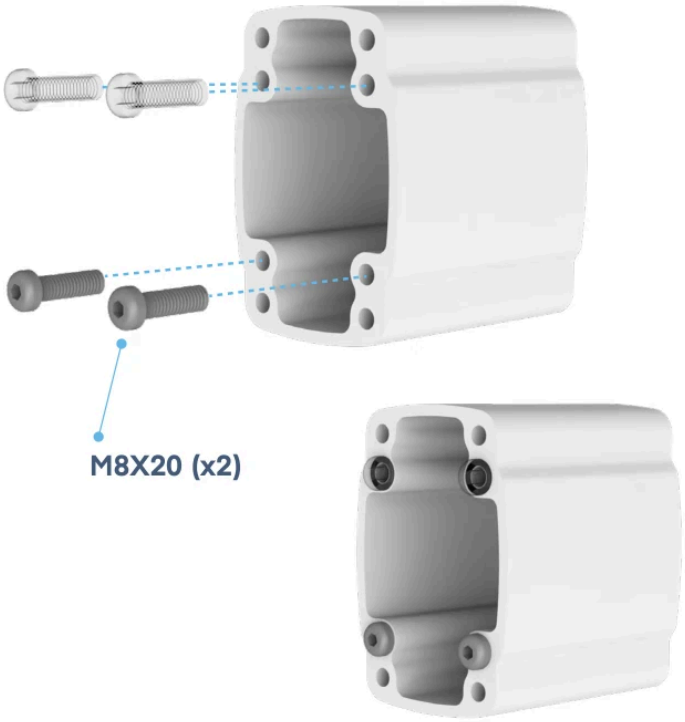
▼ Preparation & tools

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

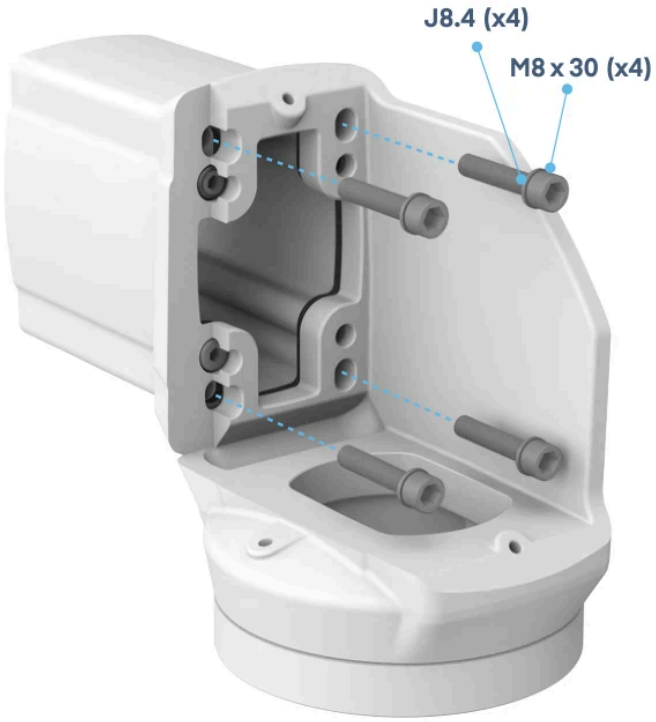
Remove the yellow tape. Insert the profile-side connection seal with the adhesive surface to the component into the seal holder shown without folds.



3. Connect the profile

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

- M8 × 20



4. Fasten the connection

Tighten the profile bolts.

- M8 × 30
- J8.4



5. 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



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. Align the system

The switching lever is used to adjust the torsional rigidity of the module.

- M4 × 8



8. Prepare the components

Insert the plastic plugs into the slots provided.



9. Set the rotation range

Install the M8 × 25 set screw.

- M8 × 25



Rotationsgrenzwand
Rotation limit wall

10. Set the rotation range

> **Attention: The angle limiting screw (M8 × 25) can be used when the module rotation angle is to be reduced.**

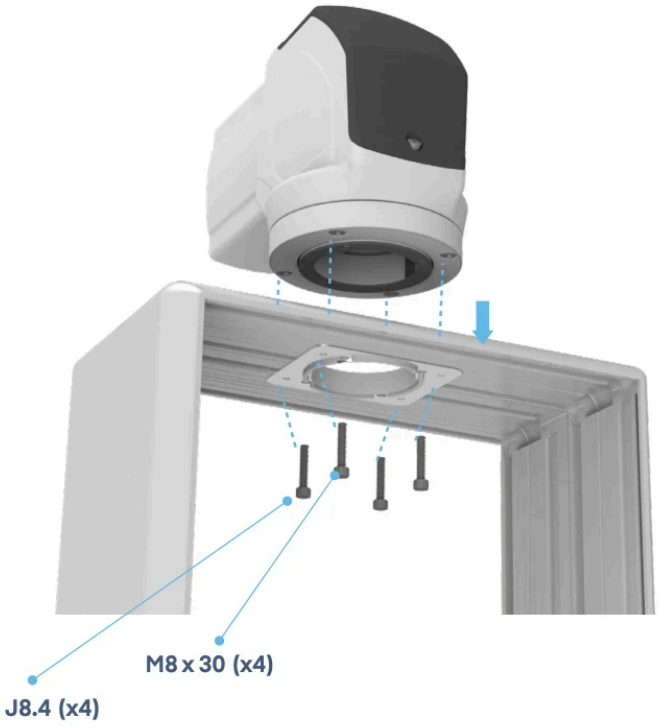
Attention: The angle limiting screw (M8 × 25) can be used when the module rotation angle is to be reduced. There are four holes on the module.

- M8 × 25



11. 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.

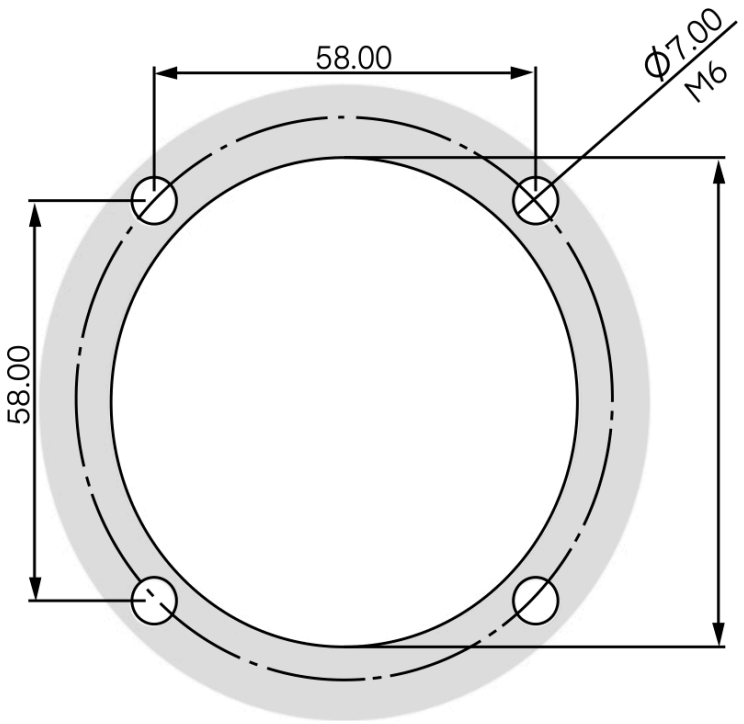


12. Fasten the module to the panel

> **Bolts and washers are not included.**

Place the module on the panel. Bolts and washers are not included.

- M8 × 30
- J8.4



13. Prepare the mounting holes

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