**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

PANEL COUPLING

# Rotatable Panel Coupling

Article number
X-L-PKD01

REQUEST A QUOTE

The rotary panel coupling connects a support arm in the X-L system to the operator enclosure. The rotary connection allows the connected panel to be aligned at the workstation while the support-arm attachment remains in place. Positioned directly at the transition to the enclosure, the coupling provides the articulated connection at this point. A clamping lever allows the rotational resistance of the connection to be adjusted.

Weight
**1,300 g**

Material
**Aluminum**

Colour
**RAL 7035**

Package Dimensions
**150 × 60 × 145 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 |
| RAL colours | RAL 7035 |

## Application & function

| | |
|---|---|
| Operating Weight | 1,300 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 mm |

### Ordering & delivery information

Package dimensions

**150 × 60 × 145 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-PKD01 | 1300 | Select |

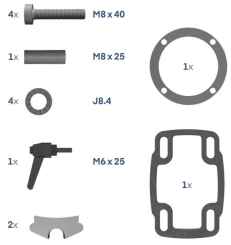
### Assembly instructions

▶ 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



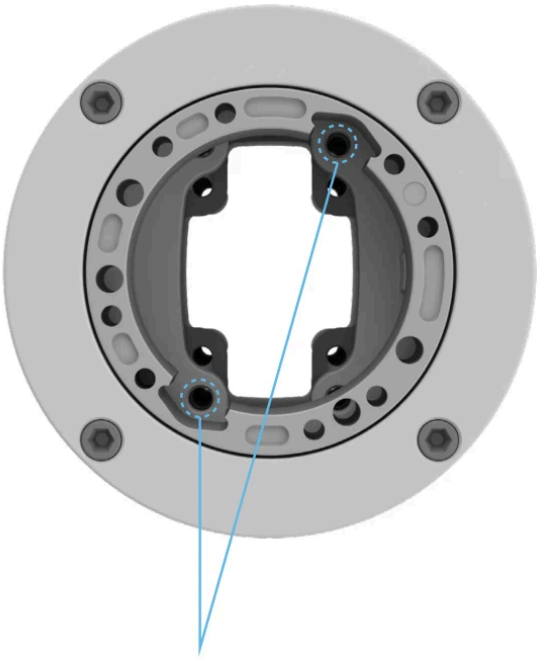
## 1. Insert the gasket

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



## 2. Connect the profile

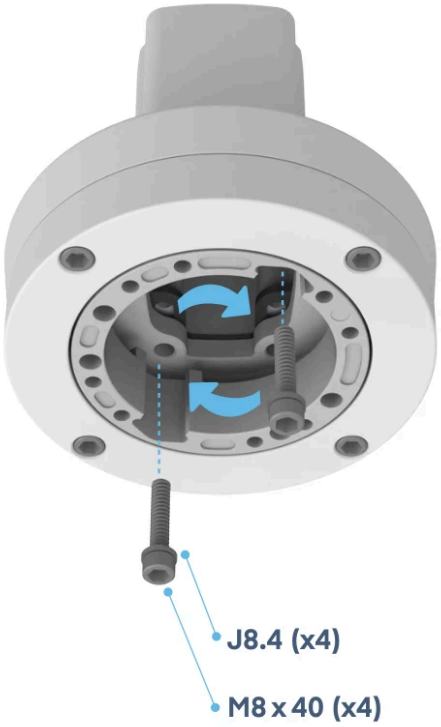
Insert the profile into the coupling as shown in the figure on the left.



**Profilverbindungslöcher.**
Profile connection holes.

## 3. Fasten the connection

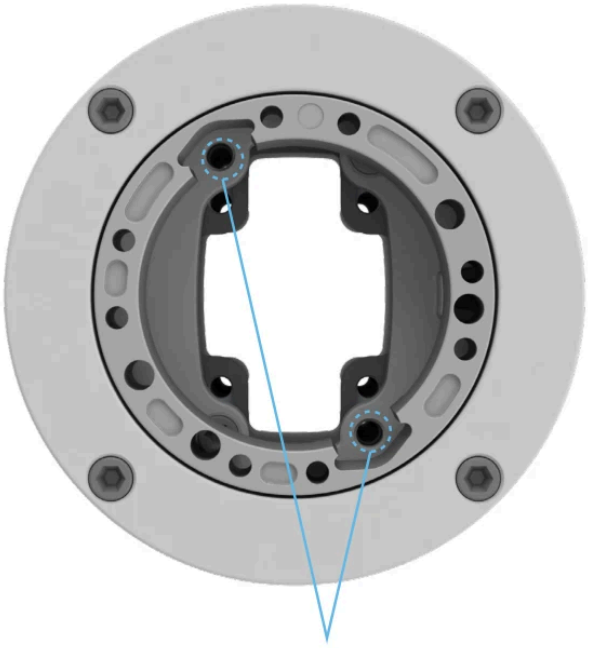
Rotate the inner moving part to the first mounting position shown.




## 4. Fasten the connection

Tighten the two M8 × 40 profile bolts of the first mounting position evenly.

- M8 × 40



**Profil verbindungslöcher.**
Profile connection holes.

## 5. Fasten the connection

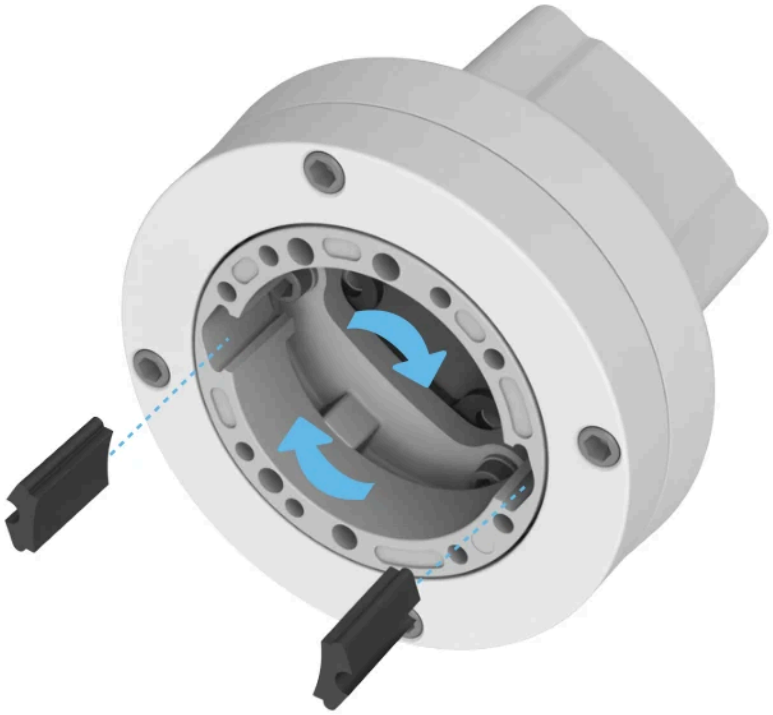
Rotate the inner movable part to the second mounting position shown.




## 6. Fasten the connection

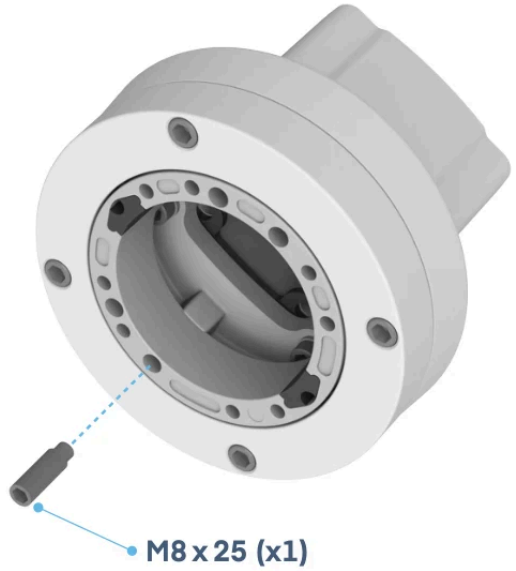
Tighten the two M8 × 40 profile bolts of the second mounting position evenly.

- M8 × 40



## 7. Prepare the components

Insert the plastic plugs into the slots.



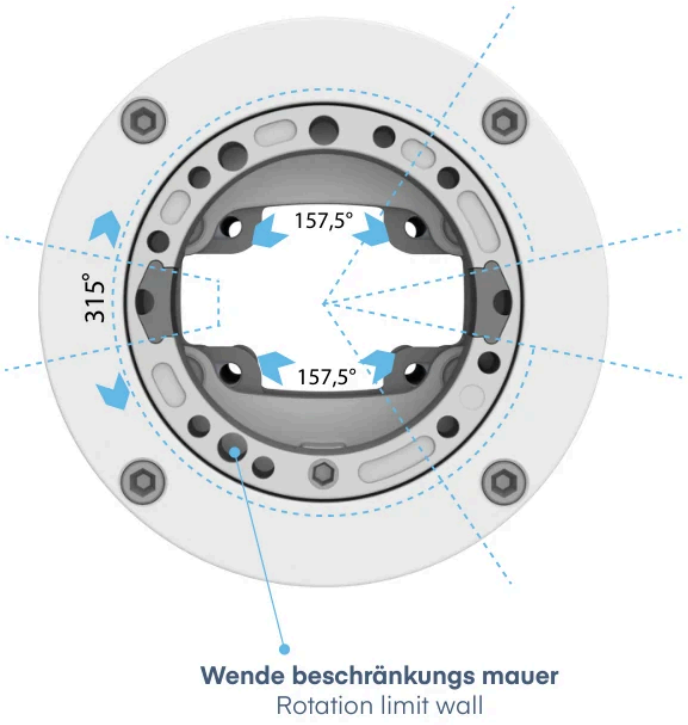

**Die Stellschraube wird verwendet, um den Drehwinkel des Moduls zu begrenzen.**

Set screw is used to limit the rotation angle of the module.

## 8. Set the rotation range

Install the M8 × 25 set screw.

- M8 × 25




## 9. Set the rotation range

> **Attention: You can limit the clockwise and counterclockwise rotation of the module with M8 × 25 screws.**

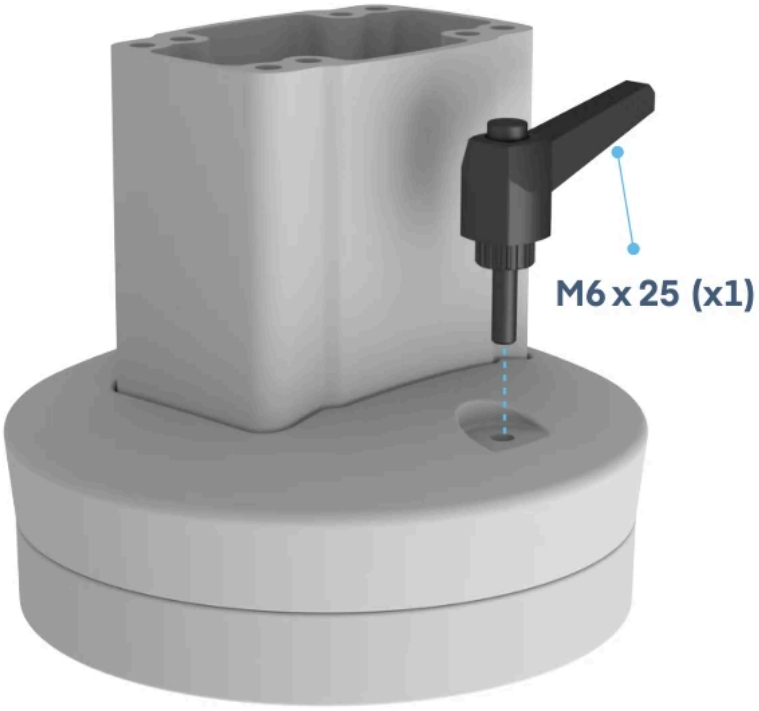
Attention: You can limit the clockwise and counterclockwise rotation of the module with M8 × 25 screws. There are 4 holes on the module. Optionally you can limit the rotation with 1 screw.

- M8 × 25



## 10. Insert the gasket

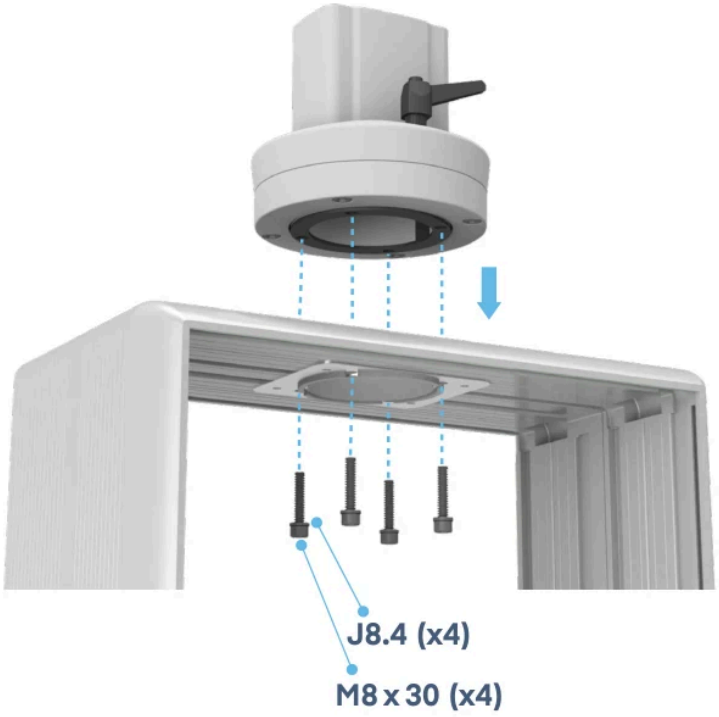
Remove the yellow tape. Insert the seal to the mounting surface with the adhesive surface to the component into the seal holder shown without folds.




## 11. Align the system

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

- M6 × 25




## 12. Fasten the module to the panel

> **The mounting screws are not included. Source conflict: the assembly instructions specify M8 × 30 for panel mounting; the interface drawing shows Ø7 mm holes and M6. Confirm the correct bolt and hole assignment with the manufacturer before installation.**

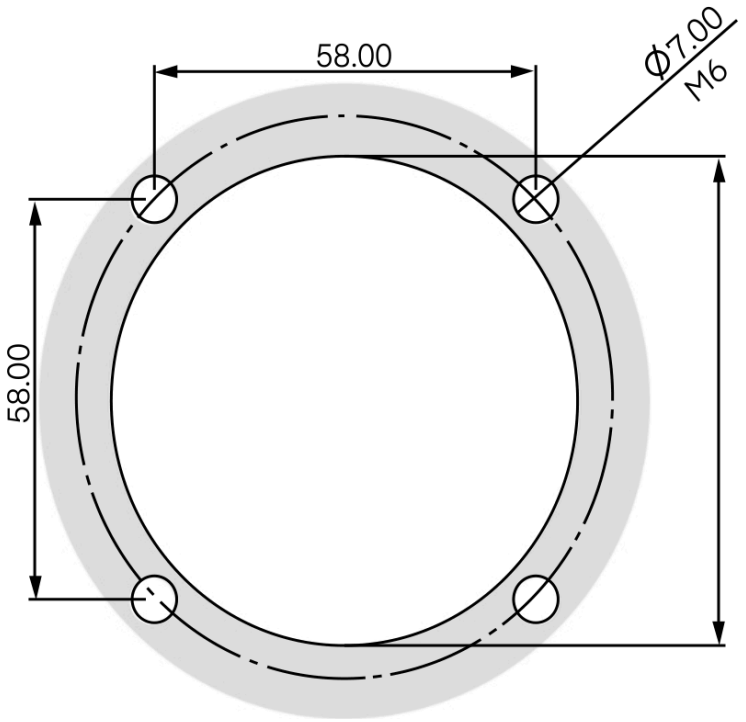
Attach the module to the panel with four M8 × 30 screws. The mounting screws are not included.

- M8 × 30



## 13. Fasten the module to the panel

Check the module and panel connections for proper installation.




## 14. Prepare the mounting holes

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