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 Vertical Outlet

Article number
X-L-AGV01

REQUEST A QUOTE

The rotary top-mounted joint connects a vertically arranged support-arm profile in the X-L system to the mounting surface. The vertical profile outlet defines the connection direction at this attachment point. The rotary connection allows the connected support arm to be aligned while the mounting position remains fixed. The joint forms the transition between the fixed top mounting and the articulated support-arm assembly for the operator enclosure.

Weight
4,800 g

Material
Aluminum

Colour
RAL 7035 (Cover RAL 7016)

Package Dimensions
220 × 125 × 205 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	4,800 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

220 × 125 × 205 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-AGV01	4800	Select

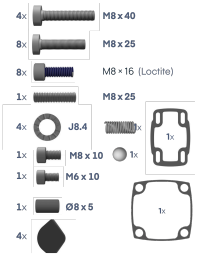
Assembly instructions

▶ 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



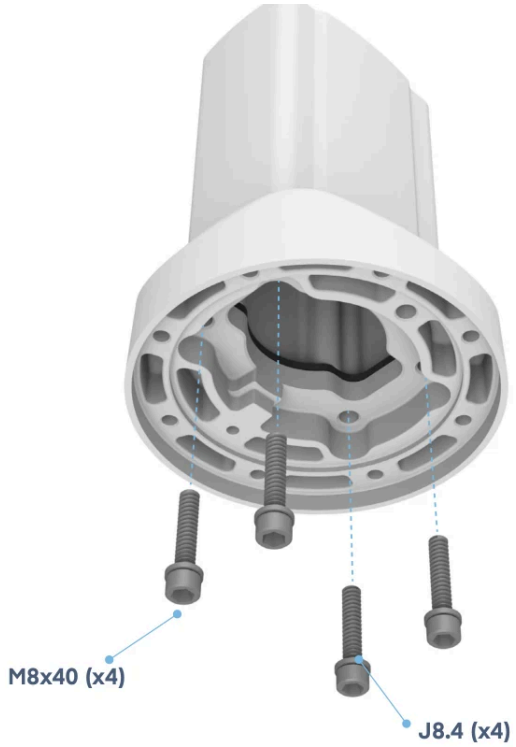
1. Insert the gasket

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

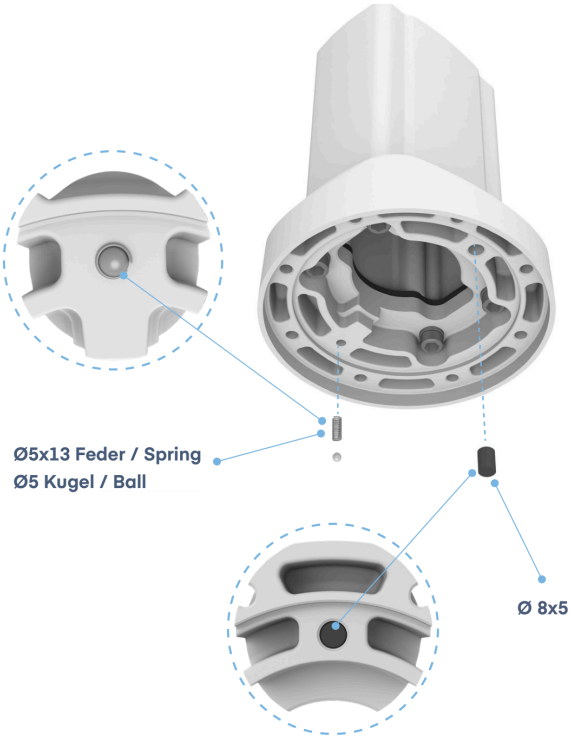
Insert the support arm profile into the profile-side connection of the rotatable top mounting module until it rests.



3. Fasten the connection

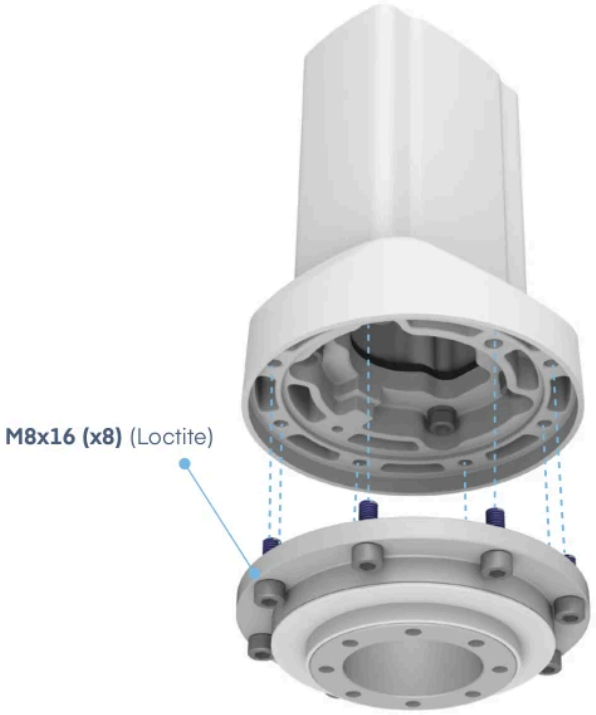
Fasten the support arm profile evenly with four M8 × 40 profile bolts and four J8.4 lock washers.

- M8 × 40
- J8.4



4. Connect the grounding

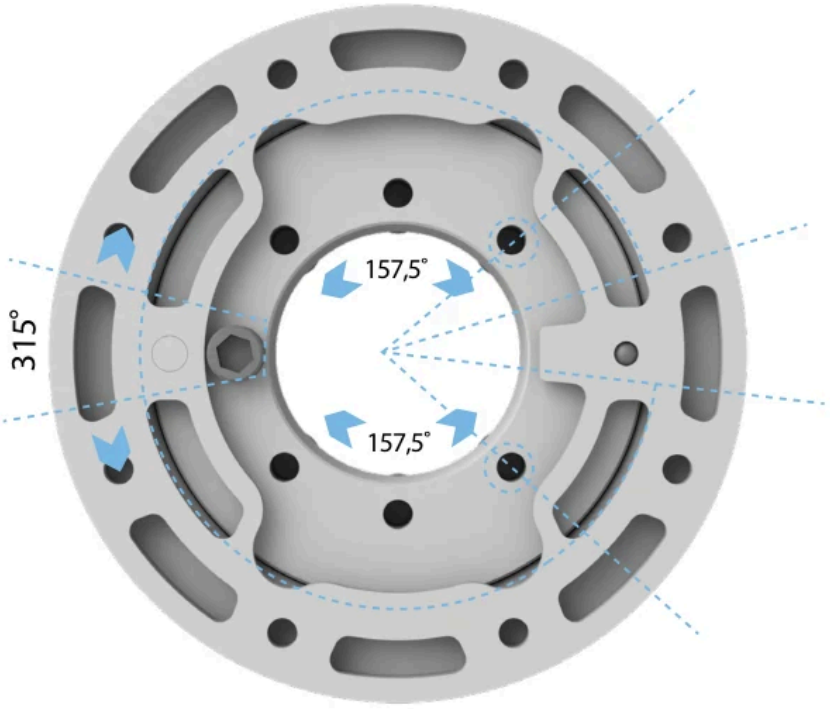
Insert a Ø5 mm grounding ball, a Ø5 × 13 mm compression spring and a Ø8 × 5 mm plastic plug into the profile connection receptacles shown.



5. Fasten the connection

Connect the profile coupling housing to the pivot bearing unit and fasten the connection evenly with eight M8 × 16 screws with thread lock.

- M8 × 16



6. 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. A screw is included in the scope of delivery shown; a second one is required for two stops.

- M8 × 10



7. Set the rotation range

Screw an M8 × 25 set screw into the radial threaded hole shown on the support arm profile. Align the set screw with the previously inserted plastic plug.

- M8 × 25



8. Inspect the assembly

Check whether the profile coupling housing and pivot bearing unit are assembled flush and all eight connecting screws are fully seated.



9. Prepare the components

Insert the pre-assembled profile coupling and pivot bearing unit completely into the top assembly base body.



10. Fasten the connection

Attach the pivot bearing assembly evenly to the top mount base body with eight M8 × 25 screws.

- M8 × 25



11. Connect the grounding

Attach the protective conductor to the marked ground connection on the bottom with an M6 × 10 screw and check that it is secure.

- M6 × 10



12. 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.

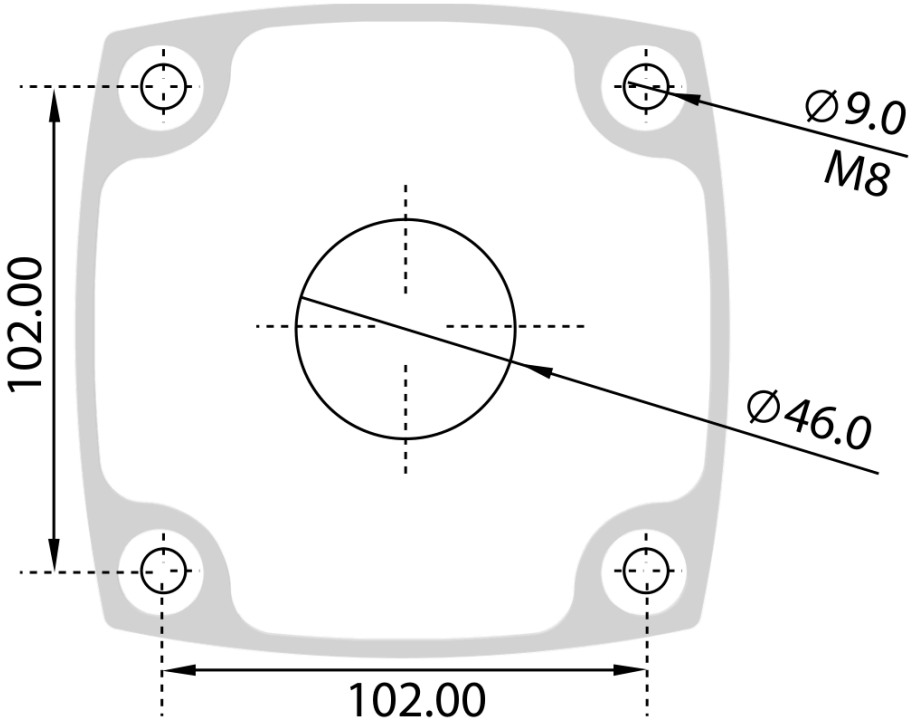


13. Fit the cover

> **The mounting screws are not included.**

Place four black caps on the heads of the four M12 mounting screws. The mounting screws are not included.

- M12



14. Prepare the mounting holes

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