

MXL-3A60 | Configuration review

REQUEST WORKSHEET - NOT A RELEASED DATASHEET

Use this sheet to define a quotation and drawing review. Targets and reference names do not establish an approved MXL geometry, measured performance or replacement fit.

Requested MXL measurement envelope

Architecture	Orthogonal three-axis configuration
Measured components	3-Axis Force [Fx, Fy, Fz]
Force target	10-500 N
Moment target	Not measured; mechanical moment limits still apply
MXL mounting / dimensions	Drawing review required
Calibration and limits	Actual crosstalk, combined loads, safe/ultimate overload, temperature and environment require model-specific evidence.

Configuration-specific review points

- Legacy 3A60 mounting must be checked against the original drawing. The successor 3A60A is not mechanically backward compatible.
- Request the active-end and fixed-end drawings separately, including thread depth, dowel fits and cable clearance.
- Specify each bridge excitation, input/output resistance and sensitivity; nominal capacity alone does not establish an electrical match.

Reference evidence still required

Obtain the exact original manufacturer model, drawing revision, interface and calibration before comparing fit or performance. No numeric reference specification is asserted here.

Application and documentation checklist

Complete the values below, then use the website or email template. A request does not establish document availability, quotation terms or a delivery date.

Force capacities, with units and sign convention

Moment capacities, with units (if measured)

Largest simultaneous load / tool offset / stop event

Mounting footprint, bore and cable clearance

Original manufacturer, model and drawing revision

Excitation, bridge resistance, sensitivity and pinout

DAQ / PLC / PC protocol and useful bandwidth

Temperature, ingress, cable motion and environment

Quantity, delivery country and purchasing organization

Request the applicable engineering records

- ☐ Approved drawing / STEP CAD and model-specific datasheet
- ☐ Serial calibration record, uncertainty and traceability scope
- ☐ Coordinate definition and applicable decoupling matrix
- ☐ Connector pinout, cable specification and mating parts
- ☐ Supported SDK / driver / sample code versions and release files
- ☐ EtherCAT ESI / PDO mapping if supported by the supplied module
- ☐ Configuration-specific quotation, supply and delivery terms

[Open this model and document request on the website](#)

[Open a model-specific email request template](#)