MXL-3A60A | 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

- The 3A60A reference uses revised mounting holes. Request this pattern explicitly rather than assuming a legacy fixture fits.

- 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.

Third-party reference - separate from MXL approval

Interface 3A60A | 3A v3.4, 2026-10-19, pages 1-3 | reviewed 2026-10-31
60 x 60 x 25 mm body; cable clearance and mounting faces require the drawing
Per axis: input 740 ohm; output 700 ohm; nominal +/-0.5 mV/V; maximum excitation 10 V
The source has inconsistent IP labels between its feature text and table. Confirm the actual rating and ordered variant; no MXL rating is inferred.
Open primary manufacturer reference

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