MC-PAOX03 51309152-175

Eight-Channel Analog Output Processor

Honeywell MC-PAOX03 51309152-175 is the conformally coated CE-compliant eight-channel analog output processor for Process Manager family I/O.

Installed position and work boundary

Offered assembly	MC-PAOX03 51309152-175
Installed path	Controller demand > MC-PAOX03 conversion and readback > selected analog output FTA > receiving actuator

Freeze the actuator strategy

Demand curve	Retain the five-segment characterization and software-calibration record for every affected output.
Failure response	Identify which channels hold and which become unpowered under their configured failure action; agree the process consequence before a test.
Field circuit	Record the selected FTA and final-element identity so that an IOP replacement does not silently change the receiving circuit.

Compare demand and current

Independent observations	Record commanded demand and actual output-current readback as separate observations.
Load allowance	Assess the connected circuit against the stated 750 ohm condition at 22 mA, including the relevant wiring and receiver burden.
Movement boundary	Put the actuator into the authorized maintenance condition and define permitted movement before applying test demand.

Close the CE-output exchange

Curve checkpoints	Test agreed points across the retained characterization curve and compare electrical feedback with allowed final-element response.
Disagreement handling	When demand and readback disagree, retain both values and review the termination circuit before recalibration.
Release evidence	Attach the complete CE assembly identity, restored channel strategy, current observations and witnessed actuator result.

Selected technical checks

Analog output channels	8
Output characterization	5 segments
Failure-action selections	Hold or unpowered

Related Honeywell product references

Review the complete assembly identity and installed-system application for each reference.

Honeywell MU-PLAM02 51304362-100

Honeywell MU-TAMR03 51309218-125

Engineering contact

Discuss the exact marking and installed application with Apter Power. sales13@apterpower.com | +86 18030235313

Technical basis

Honeywell HPM Planning, March 1998; TPS Process Manager I/O Specification and Technical Data IO03-684