AI830A 3BSE040662R1

Installation Verification Guide | controlled replacement

Treat this as an eight-channel signal-chain exchange: preserve each sensor assignment, the MTU identity and channel configuration before disturbing wiring.

01 Capture the installed state

Identify each sensor
Record sensor type, channel assignment and three-wire terminal positions before removal.

Match the MTU
Confirm the installed termination unit is approved for AI830A and that all field terminals correspond.

02 Prepare and fit the unit

Select mains rejection
Keep the configured 50 or 60 Hz filter setting consistent with the site measurement design.

Check sensor leads
Inspect lead continuity and cable shielding before attributing a channel fault to the module.

03 Verify restoration

Preserve configuration
Capture each channel range, scaling and diagnostic treatment from the controller database.

Prove the measurement
Apply a known resistance or temperature simulator and record each channel response after replacement.

Channel acceptance record

Sensor map	Record channel-to-sensor identity and MTU terminals.
Known stimulus	Apply a calibrated resistance or temperature simulation to each occupied channel.
Controller result	Compare engineering units, indication and alarms with the approved baseline.

Enquiry contact

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