

Before work on F6217

Work from the controlled HIMA system drawings and the exact installed revision. The checks below apply the model-specific limits in the original data sheets; site isolation and safety procedures remain mandatory.

#	CONTROL	PRE-CONNECTION ACTION
1	Input mode	Identify current versus voltage on every installed channel.
2	Plug variant	Confirm Z 7127 / 6217 cable variant for the signal mode.
3	Current shunt	Verify the specified 250 ohm shunt where a current input is used.
4	Unused input	Apply the HIMA termination rule to unused current or voltage channels.
5	Shielded cable	Check screened field cable and earth-bar termination.
6	Channel fault bit	Confirm the programmed safety reaction for each active fault bit.
7	Isolation	Use the site-approved de-energization procedure.
8	Redundant pair	For redundant wiring, follow the HIMA connector and source-resistance diagrams.

HOLD POINT

Do not mix 5 V, 10 V and current cable-plug variants; confirm shunts, unused-input termination and fault-bit logic.

MANUFACTURER BASIS

HIMA Paul Hildebrandt GmbH + Co KG, F 6217 (9912) Overview Data Sheets, pp. 1-4

Controlled release record

Verify each item in the actual cabinet and record the observed state. The module's published values do not prove that the surrounding system is configured correctly.

#	CONTROL	REQUIRED RECORD
1	Identity	F6217 complete marking and cabinet slot recorded.
2	Channel modes	Eight current/voltage channel assignments verified.
3	Signal range	Each transmitter matches its approved 0/4-20 mA or voltage range.
4	Cable screen	Screen and earth-bar connection inspected.
5	Unused inputs	HIMA-prescribed terminations verified.
6	Module tests	No unexplained diagnostic fault remains.
7	Safety logic	Each channel fault bit has the approved reaction.
8	Release	Acceptance and event log completed by the site authority.

FINAL RELEASE

Do not restore the protected process until the responsible site engineer has accepted the module, field circuits, controller response and test records.

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