

Before work on F6705

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	Mode	Record source or sink mode for each installed channel.
2	Connector	Verify the exact Z 7126 / 6705 cable-plug variant.
3	Current load	Calculate burden including line resistance against the HIMA limit.
4	Sink supply	Verify UQ remains within 10-30 V where sink mode is used.
5	Unused output	Apply the HIMA jumper rule on unused channels.
6	Cable screen	Inspect the earth-bar screen termination and field cable.
7	Redundancy	If outputs are paralleled, verify same mode and halved burden.
8	Isolation	Use the approved de-energization and safe-work procedure.

HOLD POINT

Do not mix source and sink connector modes; verify UQ, total burden, unused-channel jumpers and approved safety response.

MANUFACTURER BASIS

HIMA Paul Hildebrandt GmbH + Co KG, F 6705 (9912) Overview Data Sheets, pp. 1-3

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	F6705 full marking and installed revision recorded.
2	Mode	Two source/sink channel modes match the approved drawing.
3	Output current	Controlled 0/4-20 mA response verified at safe test points.
4	Burden	Source or sink burden calculation filed.
5	Connector	Actual plug and channel contacts match the installed harness.
6	Diagnostics	No unexplained test or cross-talk fault remains.
7	Safety action	Integrated shutdown response accepted by the site engineer.
8	Release	Controlled output and safety records signed before return to service.

FINAL RELEASE

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

MANUFACTURER BASIS

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