GE DS200TBPAG1ACC

Installation & Commissioning Guide

PLU Loop, Shunt and Receiving-Channel Verification

Follow a controlled current change from the field pair through termination to its intended receiving indication.

Before You Order

Loop record	Identify signal pair, source and return.
Receiving record	Retain the TCPA/DCPA connection and channel assignment.
Hardware record	Compare the complete G1ACC board identity.

Installed interfaces and selection

Field path	Identified current source -> retained signal pair -> TBPA.
Termination path	TBPA milliamp/shunt relationship -> interboard connection.
Receiving proof	Controlled input change -> correct channel and engineering indication.

Engineering values in use

Input context	The documented path uses 4–20 mA signals.
Shunt context	The diagrammed 100 Ω shunt is part of the termination path, not a general output-load rating.
Capacity context	Four milliamp paths are distinct from aggregate PLU proximity/output functions.

Values describe the TBPA milliamp-input path in the documented PLU signal-flow diagram. Aggregate PLU proximity and output counts are not represented as standalone TBPA board capacities. Full G1ACC hardware identity remains controlling.

Model-specific work decisions

Freeze the signal assignment	Record field and receiving identities before wiring changes.
Isolate and inspect termination	Check the actual signal pair and input components.
Restore source and return	Preserve the accepted loop-power relationship.
Compare the downstream path	Verify cable identity and receiving configuration.
Prove controlled response	Record several input points and the intended indication.

Interpret the observed fault

No field current
Trace loop source, return and field continuity first.

Current present, no receiving response
Review termination and the interboard path.

Response exists on wrong signal
Reconcile the terminal/channel assignment.

Acceptance evidence

Circuit identity	Source, return and signal pair remain associated.
Path identity	Correct terminal and interboard connection are retained.
Signal proof	Controlled input and receiving indications agree.

Technical basis: GE SPEEDTRONIC Mark V Turbine Control Application Manual GEH-6195F.

Related GE product references

Separate supply references; these links do not establish interchangeability.

GE IS200TRLYH1BHH
Relay Output Terminal Board

GE IS200TSVCH2AJE
Servo Control Terminal Board

GE IS200ECTBG2ADE
Exciter Contact Terminal Board

GE IS200EDCFG1AED
Exciter DC Feedback Board

GE IS200EISBH1AAB
Exciter ISBus Communication Board

GE IS200EPSMG1AED
Exciter Power Supply Module

GE DS200DTBCG1AAA
Contact Output Termination Module

GE DS200TBCAG1AAB
External I/O Terminal Board

GE DS200TBQBG1ACB
RST Analog Termination Board

GE DS200TBQCG1ABB
Analog Input Milliamp I/O Termination Module

Discuss DS200TBPAG1ACC and its installed application with Apter Power.
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