

Installation Instructions

LF1005-S/SP36

closed loop current transducer

LEM industrial current transducers

Before work begins

- 01 Confirm the exact LF1005-S/SP36 article number and installed equipment position.
- 02 Place the equipment in a safe state, isolate all energy sources and follow the applicable LEM discharge or lockout procedure.
- 03 Record terminals, connectors, signal cables, cooling provisions and protective-earth conductors.
- 04 Use ESD controls and qualified industrial-service personnel throughout the replacement.

Model-specific connection checks

Component Class	closed loop current transducer [LF1005-S/SP36 P01]
Drive Family	LEM industrial current transducers [LF1005-S/SP36 P02]
Primary Function	Provides the documented closed loop current transducer
Power Architecture	LF1005-S/SP36 industrial architecture [LF1005-S/SP36 P
Voltage Class	Installed equipment voltage class [LF1005-S/SP36 P05]
Current Rating	Model-specific channel current [LF1005-S/SP36 P06]
Control Supply	24 V DC control class [LF1005-S/SP36 P07]
Power Section	LEM industrial current transducers service section [LF
Mechanical Design	LF1005-S/SP36 service assembly [LF1005-S/SP36 P09]
Electrical Interface	LF1005-S/SP36 keyed connector set [LF1005-S/SP36 P10]

Installation sequence

- Inspect the replacement for transport damage, contamination, bent pins and altered keying.
- Install without forcing connectors or terminals; restore all shields, grounds and cooling provisions.
- Secure power and signal connections under the applicable manufacturer procedure.

Commissioning and return to service

- 01 Validate LF1005-S/SP36 diagnostics and function.
- 02 Check insulation and protective-earth continuity before energising..
- 03 Restore auxiliary and main power in the approved sequence..
- 04 Observe controller, interface and equipment diagnostics..
- 05 Test the connected signal, network, motor or power function at a controlled operating point..
- 06 Record the final article number, test results and maintenance approval..

This AMIKON installation reference supplements the applicable LEM controlled documentation and the site safety procedure. Warranty: 12 months from AMIKON.