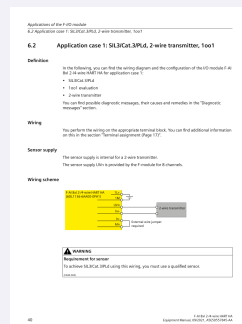


FIELD INSTALLATION QUICK GUIDE

Installation Instructions

6DL1136-6AA00-0PH1

F-AI 8-channel HART input module



PRODUCT	6DL1136-6AA00-0PH1
FAMILY	SIMATIC ET 200SP HA
FUNCTION	F-AI 8-channel HART input module
STATUS	Verify exact installed equipment

Prepared by Amikon Limited from Siemens Simatic S7 documentation. This guide supplements the complete manufacturer manual and site procedure.

01

CONFIRM THE ORDERED CONFIGURATION

Firmware Version	V1.0.0
Analog Inputs	8 input channels
Input Wiring	2-wire or 4-wire
HART Protocol	Up to revision 7
Supply Voltage	24 V DC
Supply Range	19.2 to 28.8 V DC

02

PREPARATION AND CONNECTION

- Confirm the complete 6DL1136-6AA00-0PH1 article number and installed revision.
- Isolate applicable electrical and process energy using the approved site procedure.
- Record every connector, cable, terminal, shield and protective-earth connection before removal.
- Install without forcing keyed parts, then secure terminals, latches, fasteners and cable supports.

OFFICIAL INSTALLATION REFERENCE

Applications of the F-I/O module

6.2 Application case 1: SIL3/Cat.3/PLd, 2-wire transmitter, 1oo1

6.2 Application case 1: SIL3/Cat.3/PLd, 2-wire transmitter, 1oo1

Definition

In the following, you can find the wiring diagram and the configuration of the I/O module F-AI 8xI 2-/4-wire HART HA for application case 1:

- SIL3/Cat.3/PLd
- 1oo1 evaluation
- 2-wire transmitter

You can find possible diagnostic messages, their causes and remedies in the "Diagnostic messages" section.

Wiring

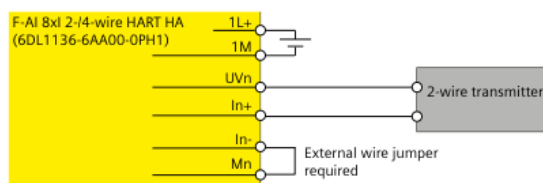
You perform the wiring on the appropriate terminal block. You can find additional information on this in the section "Terminal assignment (Page 17)".

Sensor supply

The sensor supply is internal for a 2-wire transmitter.

The sensor supply UVn is provided by the F-module for 8 channels.

Wiring scheme



! WARNING
Requirement for sensor
To achieve SIL3/Cat.3/PLd using this wiring, you must use a qualified sensor.
(FAIW-004)

04 COMMISSIONING CHECKS

- 01 Confirm product identity and mechanical seating.
- 02 Verify the documented supply before energising.
- 03 Inspect polarity, shielding and protective-earth connections.
- 04 Restore power in the approved sequence and observe status indications.
- 05 Test each connected input, output or communication path.
- 06 Record diagnostics and functional-test results before return to service.

05 CONTROLLED DOCUMENT

Official source	Siemens official manufacturer documentation
Product record	6DL1136-6AA00-0PH1
Manufacturer	Siemens Simatic S7
Warranty	12 months from AMIKON
Support	INFO@AMIKON.CN

AMIKON PRODUCT SUPPORT

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