General Specifications

Model LHS4150
Output to External Recorder Package

CENTUM VP

GS 33K05H20-50E

[Release 5]

■ GENERAL

The external recorder output function converts the process data collected by the HIS into 0-5 V DC signals to output that data to an external recorder.

The HIS transmits/receives the process data to/from the FCS on the control bus to operate or monitor that data. The external recorder output function converts the user-specified process data in the range of 0-5 V DC to output to the FA-M3 analog output card via an RS-232C. The process data is then output to the recorder via the FA-M3 analog output card.

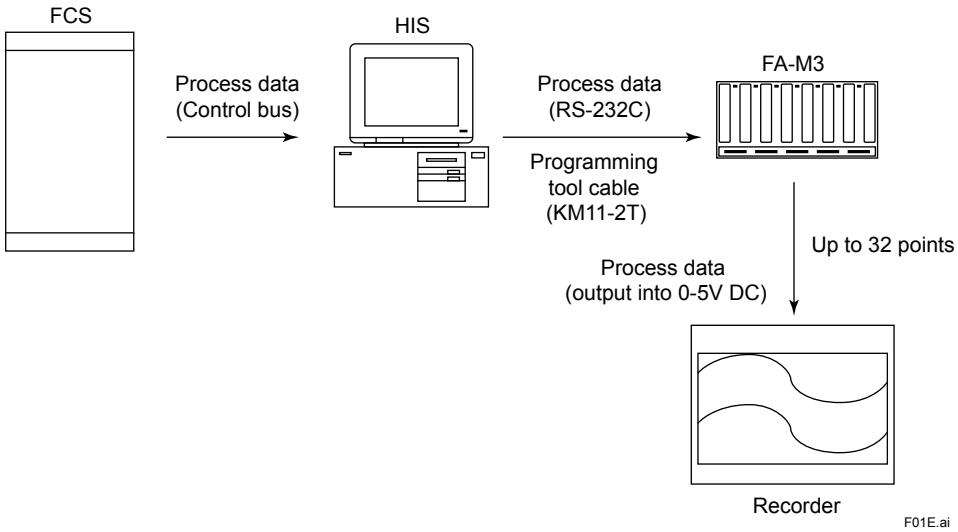

Figure Outline of the Output to External Recorder

■ FUNCTION SPECIFICATIONS

● Output Data

Number of Data Points:
Max. 32 points/HIS
Max. 4 groups/HIS (8 points/group)
Output Signal:
1 to 5 V DC linear signals (within the specified range before output)
0 V DC (If data are missing or unassigned, or if an error occurs.)
Update Interval: Fixed at 10 seconds.
Output Table Data: All numerical data of function blocks.

YOKOGAWA

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■ OPERATING ENVIRONMENT

● Hardware Operating Environment

Conforms to LHS1100 Standard Operation and Monitoring Function.

The HIS must be equipped with a serial port for connection to the FA-M3 D/A converter.

Insert the power supply module, sequence CPU module, and analog output module into the FA-M3 base module; each analog output module requires external power (24 V DC).

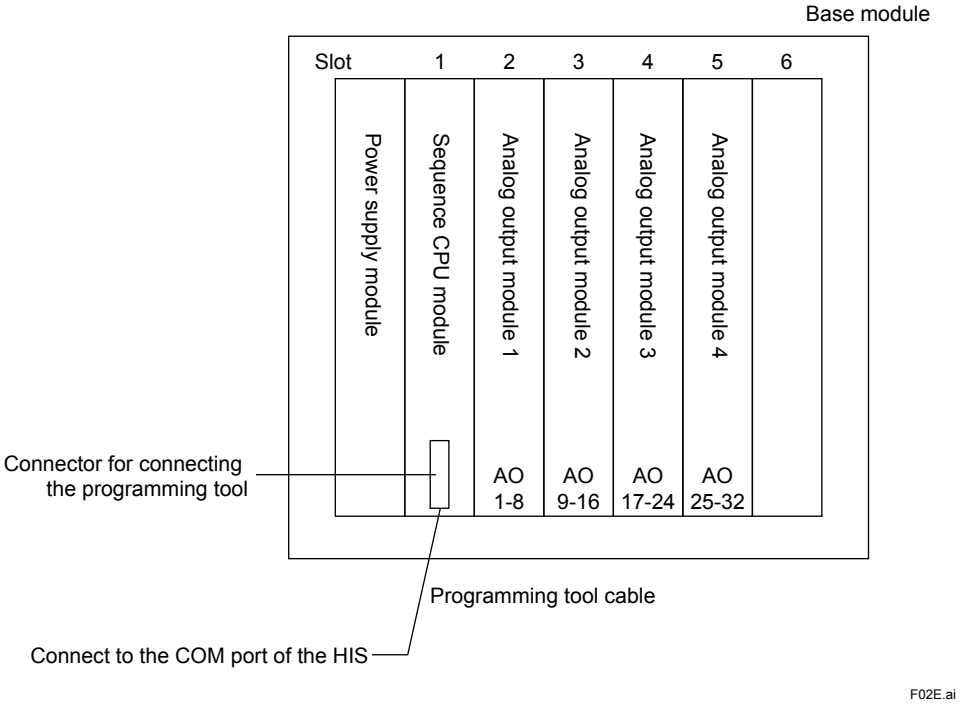

Figure Configuration of the FA-M3 Slots

Table Modules using FA-M3

	Model	Description
Sequence CPU module	F3SP21-0N	Ladder 10 k step with memory
Analog output module (max. 4)	F3DA08-5N	-10 to 10 V DC output, 8 points
Base module	F3BU04-0N	4 slots
	F3BU06-0N	6 slots
	F3BU09-0N	9 slots
Power supply module	F3PU10-0N	100 to 240 V AC, 4 or 6 slots
	F3PU20-0N	100 to 240 V AC, 9 or 13 slots
Cable for programming tool	KM11-2T*A	

● Software Operating Environment

Conforms to LHS1100 Standard Operation and Monitoring Function or LHM1101 Standard Operation and Monitoring Function.

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■ MODEL AND SUFFIX CODE

		Description
Model	LHS4150	Output to External Recorder Package [Media model: LHSKM50-V11]
Suffix Codes	-V	Software License
	1	Always 1
	1	English Version

■ ORDERING INFORMATION

Specify model and suffix codes when ordering.

■ TRADEMARKS

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