

INDUSTRIAL AUTOMATION PRODUCT

AAI835-S00 S2

Four-Channel Analog Input and Output Module

Yokogawa AAI835-S00 S2 is a CENTUM VP analog I/O module with four isolated 4-20 mA input channels and four isolated 4-20 mA output channels in the documented style S2 execution.

CONTROLLED ENGINEERING COPY

IDENTITY	VERIFIED VALUE
Manufacturer	Yokogawa
System family	Yokogawa CENTUM VP FIO
Part number	AAI835-S00 S2
Origin / HS	Japan / 8537101190
Shipping origin	Xiamen, Fujian, China

DOCUMENT SCOPE

Exact article identity, official technical data, host matching, installation checks, applications, precautions and controlled acceptance evidence.

MODEL-SPECIFIC ENGINEERING NOTE

Confirm AAI835-S00 S2, documented Yokogawa CENTUM VP FIO node, four input channels, four output channels, terminal or cable interface and node configuration, installed position, polarity, shielding, grounding, configuration, diagnostics and controlled functional-test evidence before commissioning.

System Role and Architecture

Yokogawa AAI835-S00 S2 is a CENTUM VP analog I/O module with four isolated 4-20 mA input channels and four isolated 4-20 mA output channels in the documented style S2 execution.

FUNCTION 1
Provides four isolated 4-20 mA inputs

FUNCTION 2
Provides four isolated 4-20 mA outputs

FUNCTION 3
Uses the documented S00 / style S2 execution

FUNCTION 4
Integrates with the CENTUM VP FIO architecture

MATCHED SYSTEM COMPONENTS

NO.	DOCUMENTED COMPONENT / ROLE
01	Yokogawa CENTUM VP FIO
02	documented Yokogawa CENTUM VP FIO node
03	four input channels, four output channels, terminal or cable interface and node configuration
04	Approved wiring, shielding and grounding arrangement

SYSTEM INTEGRATION RECORD

INTEGRATION ITEM	DOCUMENTED ROLE
Host identity	Yokogawa CENTUM VP FIO
Interface role	isolated analog signal acquisition and output control
Field / power context	documented Yokogawa CENTUM VP FIO node
Commissioning evidence	Identity, gap, polarity, response and alarm diagnostics recorded

INSTALLATION AND CONNECTION CHECKS

- 1

Confirm the complete AAI835-S00 S2 marking and controlled maintenance record before work.
- 2

Place the documented Yokogawa CENTUM VP FIO node and associated machine or process in the approved maintenance state.
- 3

Isolate the documented power, signal and protection circuits before disconnecting AAI835-S00 S2.
- 4

Record the installed position, four input channels, four output channels, terminal or cable interface and node configuration, polarity, shielding and

Technical Specifications

Technical values below are limited to the named product record and directly applicable manufacturer documentation.

PARAMETER	VALUE
Module	AAI835
Suffix	-S00
Style	S2
Analog inputs	4 isolated channels, 4-20 mA

PARAMETER	VALUE
Analog outputs	4 isolated channels, 4-20 mA
System family	CENTUM VP FIO
Country of origin	Japan
HS code	8537101190

ENGINEERING BOUNDARY

Confirm AAI835-S00 S2, documented Yokogawa CENTUM VP FIO node, four input channels, four output channels, terminal or cable interface and node configuration, installed position, polarity, shielding, grounding, configuration, diagnostics and controlled functional-test evidence before commissioning.

PRE-INSTALLATION CHECKS

- 1

Confirm the complete AAI835-S00 S2 marking and controlled maintenance record before work.
- 2

Place the documented Yokogawa CENTUM VP FIO node and associated machine or process in the approved maintenance state.
- 3

Isolate the documented power, signal and protection circuits before disconnecting AAI835-S00 S2.
- 4

Record the installed position, four input channels, four output channels, terminal or cable interface and node configuration, polarity, shielding

Applications and Engineering Context

Process analog input acquisition

Reads four documented 4-20 mA transmitter signals.

Control-valve output service

Drives four documented 4-20 mA output loops.

Mixed analog I/O replacement

Restores input and output assignments in one FIO position.

Loop commissioning

Supports channel-by-channel calibration and response checks.

TECHNICAL NOTE

Confirm AAI835-S00 S2, documented Yokogawa CENTUM VP FIO node, four input channels, four output channels, terminal or cable interface and node configuration, installed position, polarity, shielding, grounding, configuration, diagnostics and controlled functional-test evidence before commissioning.

MODEL-SPECIFIC ACCEPTANCE EVIDENCE

CHECK	ACCEPTANCE CONDITION
Identity	AAI835-S00 S2 recorded
Host / carrier	Yokogawa CENTUM VP FIO
Physical interface	four input channels, four output channels, terminal or cable interface and node configuration matched
Configuration	Exact installed configuration and assignments restored
Functional proof	Controlled isolated analog signal acquisition and output control response recorded

IMPORTANT NOTICE

Confirm AAI835-S00 S2, documented Yokogawa CENTUM VP FIO node, four input channels, four output channels, terminal or cable interface and node configuration, installed position, polarity, shielding, grounding, configuration, diagnostics and controlled

Related Products and Source Record

Brand-qualified Apter Power navigation links are provided for system planning only; manufacturer evidence remains the named source record.

RELATED PRODUCTS ON APTER POWER	
01	Bently Nevada 330171-00-08-10-02-05
02	Bently Nevada 330881-28-00-061-03-02
03	Bently Nevada 330103-00-03-15-01-CN
04	Bently Nevada 330851-02-000-070-10-00-05
05	Bently Nevada 129715-138-040-05-CN
06	Bently Nevada 129715-138-40-05-05
07	Bently Nevada 330901-00-08-05-11-05
08	Bently Nevada 9571-66

Navigation links only - not manufacturer evidence for technical parameters.

MANUFACTURER SOURCE RECORD

CENTUM VP System Overview and FIO Module Documentation | Yokogawa TI33K01A12-50E; AAI835 style S2 listed in official hazardous-area documentation

APTER POWER SALES TEAM

WHATSAPP / PHONE

EMAIL

WEBSITE

+86 180 3023 5313

sales13@apterpower.com

www.apterpower.com

