CENTUM VP FIO

Product Data Sheet

AAP135-S03 S2

Pulse input module

FUNCTION	FAMILY	ORIGIN	WEIGHT
Pulse input module	**CENTUM VP FIO**	**Japan**	**Confirm with quotation**

Yokogawa AAP135-S03 S2 is a Pulse input module for the CENTUM VP FIO. The values below are limited to the exact documented article.

01 VERIFIED TECHNICAL DATA

Module type	Isolated pulse input module
Input channels	8 isolated channels
Input function	Pulse count
Input frequency	0 to 10 kHz
Accepted 2-wire signals	Contact ON/OFF, voltage pulse and current pulse
Accepted 3-wire signal	Power-supply-type voltage pulse
Channel isolation	Field-to-system and channel-to-channel isolation
Withstand voltage	500 V AC for 1 minute
Input resistance	68 kΩ
Response time	40 µs

Technical values are limited to the exact manufacturer record and applicable official manual.

02 ADDITIONAL PRODUCT DATA

Backplane current consumption	300 mA at 5 V DC
Field power consumption	400 mA at 24 V DC
Redundant configuration	Supported
Environmental option	ISA G3 and -20 to 70 °C option
Terminal interface options	ATI3S, ATI3D, ATK4A or ATI3A

03 OFFICIAL APPLICATIONS

- Water Treatment and Distribution: Municipal water treatment and distribution; Industrial wastewater treatment and discharge
- Power Production and Utilities: Thermal power and steam generation; Hydroelectric and renewable generation
- Chemical Production and Storage: Bulk chemical production and transfer; Specialty chemical batching and storage

04 SYSTEM COMPATIBILITY

Match AAP135-S03 S2 to the installed CENTUM VP FIO, complete wiring, mating hardware, revision and approved configuration. A similar article number does not establish direct interchangeability.

05 OFFICIAL SOURCES

Yokogawa GS 33J60F60-01EN

https://library.yokogawa.com/document/download/AxkHnJ89/0000016758//EN/

AMIKON PRODUCT SUPPORT

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