

SAV144-S03 Manual

Brand	-
Product Series	Sheet1
Product Type	0 : For pressure clamp terminal block or MIL cable with no explosion protection

Description

Yokogawa SAV144-S53 Voltage Input Module

Voltage Input Module

This module inputs 1 to 5 V/1 to 10 V signals from the field.

The SAV144 can be made dual redundant.

Item Specifications

Model SAV144

Number of input channels 16 channels, module isolation

Rated input range 1 to 5 V/1 to 10 V

Permissible input range ± 30 V

Input impedance during Power-ON 1 M Ω

Input impedance during Power-OFF 100 k Ω

Rated accuracy 1 to 5 V: ± 4 mV

1 to 10 V: ± 9 mV

Data update frequency 40 ms

Temperature drift 1 to 5 V: ± 4 mV/10 °C

1 to 10 V: ± 9 mV/10 °C

Withstand voltage 1.5 kV AC between input signal and system for 1 minute (*1)

Maximum current consumption 5 V system: 300 mA

24 V system: 140 mA

Weight Approx. 0.24 kg (For pressure clamp terminal block or MIL cable)

Approx. 0.29 kg (With signal cable interface adapter)

External connection

Pressure clamp terminal

MIL cable

Dedicated signal cable (KS1)

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Description

Model SAV144 Analog input module (1 to 5 V/1 to 10 V, 16 channels, module isolation)

Suffix

Codes

-S Standard type

0 : For pressure clamp terminal block or MIL cable with no explosion protection

- 3 : With ISA Standard G3 and temperature (-20 to 70 °C)