STARDOM FCN

Product Data Sheet

NFAI143-S01 S1

16-Channel Isolated Current Input Module

ISOLATED INPUTS	INPUT SIGNAL	ALLOWABLE INPUT CURRENT	POWERED INPUT RESISTANCE
16	**4 to 20 mA**	**24 mA**	**250 ohms**

The Yokogawa NFAI143-S01 S1 receives current-loop signals from up to 16 isolated analog inputs. It belongs to the STARDOM FCN hardware family.

01 TECHNICAL DATA

Isolated inputs	16
Input signal	4 to 20 mA
Allowable input current	24 mA
Powered input resistance	250 ohms
Unpowered input resistance	500 kilohms minimum
Accuracy	±0.1% of full scale
Data refresh cycle	10 ms
Input step response	100 ms
Temperature drift	±0.01% per °C maximum

Yokogawa GS 34P02Q31-01E, p. 3 (family specifications)

02 ADDITIONAL PRODUCT DATA

The NFAI143 family supports 4 to 20 mA signals and refreshes its data every 10 ms. The input resistance is 250 ohms while powered.

03 PRODUCT FUNCTION

The NFAI143 family supports 4 to 20 mA signals and refreshes its data every 10 ms. The input resistance is 250 ohms while powered.

04 SYSTEM COMPATIBILITY

Confirm 24 V DC analog field power and the fitted pressure-clamp or MIL cable arrangement. Match the loop type and channel assignments to the station drawings.

05 REFERENCE

Yokogawa GS 34P02Q31-01E, p. 3 (family specifications)

AMIKON PRODUCT SUPPORT

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