

MAI50

Nexus OnCore 16-Channel mA/V Analog Input Module

Product identification

General Electric MAI50 is the Nexus OnCore 16-Channel mA/V Analog Input Module for Nexus OnCore. It acquires sixteen milliamp or voltage analog input channels for the OnCore control system.

Parameter	Official value
Manufacturer	General Electric
Model	MAI50
Product Family	Nexus OnCore
Product Type	Nexus OnCore 16-Channel mA/V Analog Input Module

Technical information

Parameter	Official value
Input Type	mA/V analog input
Channels	16
I/O Function	Analog acquisition
Supply	24 VDC
Maximum Power	11.0 W
Module Architecture	Processor subsystem and analog acquisition circuit
Ambient Range	-20 to +50 degrees C on the certified nameplate
Hazardous Marking	Class I Division 2 and Zone 2
Installation	Panel-mounted in a minimum IP54 enclosure for ATEX use

Applications

- Acquires multichannel current or voltage signals in Nexus OnCore systems.
- Connects industrial analog transmitters to the OnCore data-acquisition architecture.
- Supports panel-mounted process-control installations in approved hazardous locations.

Analog Inputs

- Official documentation specifies input type as mA/V analog input for this configuration.
- Official documentation specifies channels as 16 for this configuration.
- Official documentation specifies i/o function as Analog acquisition for this configuration.

Module Power

- Official documentation specifies supply as 24 VDC for this configuration.
- Official documentation specifies maximum power as 11.0 W for this configuration.
- Official documentation specifies module architecture as Processor subsystem and analog acquisition circuit for this configuration.

Safety Installation

- Official documentation specifies ambient range as -20 to +50 degrees C on the certified nameplate for this configuration.
- Official documentation specifies hazardous marking as Class I Division 2 and Zone 2 for this configuration.
- Official documentation specifies installation as Panel-mounted in a minimum IP54 enclosure for ATEX use for this configuration.

Selection and installation checks

- Confirm the selected current or voltage input configuration.
- Match the complete regional part-number suffix.
- Use the certified enclosure and grounding provisions.

Request a quotation
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Product reference
MAI50
Nexus OnCore 16-Channel mA/V Analog
Input Module



Manufacturer source

https://www.governova.com/content/dam/gepower-new/global/en_US/downloads/gas-new-site/products/digital-and-controls/certificates/OnCore/Modules/United_Kingdom/157M0728-ONCORE-Modules-ATEX-Type-Examination-Certificate-RevC.pdf