



Features

- Plug-in module
- Easy to connect and replace in all MiBRX base modules
- Configured via Selpro software
- Spring fit terminals

Technical specification

Input specifications

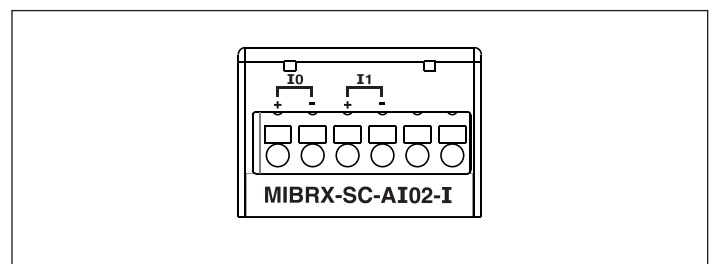
Analog input

No. of channels	2
Conversion time	100 ms
Analog type	Current
Measurement range	0-20mA
Input impedance in signal range	≥100 Ω
Accuracy	±0.25% of full scale
Resolution	0.002mA
Digital resolution	12bits

General specifications

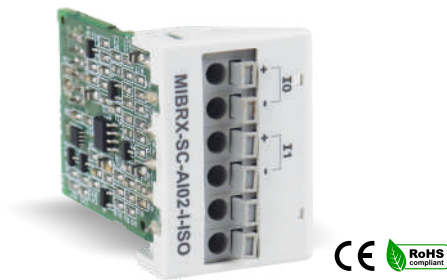
Ambient operating temperature	0°C to 55°C
Ambient storage temperature	-20°C to 70°C
Humidity	95%

Terminal connection



Ordering information

Product code	Description	Certification
MIBRX-SC-AI02-I	MiBRX Slot card - 2 Analog Inputs - Current	CE



Features

- Plug-in module
- Easy to connect and replace in all MiBRX base modules
- Configured via Selpro software
- Spring fit terminals

Technical specification

Input specifications

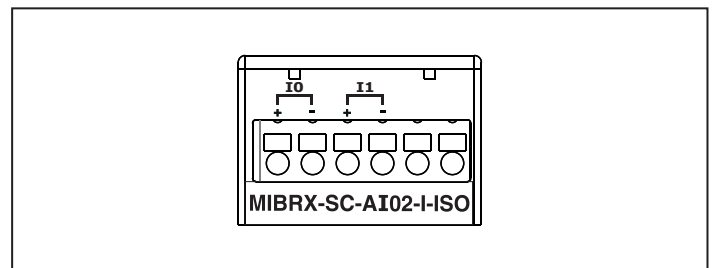
Analog input

No of inputs	2
Conversion time	100 ms
Analog type	Current
Measurement range	0-20mA
Input impedance in signal range	≥100 Ω
Accuracy	±0.25% of full scale
Resolution	0.002mA
Digital resolution	12bits
Isolation between card	1.5kV

General specifications

Ambient operating temperature	0°C to 55°C
Ambient storage temperature	-20°C to 70°C
Humidity	95%

Terminal connection



Ordering information

Product code	Description	Certification
MIBRX-SC-AI02-I-ISO	MiBRX slot card - 2 Analog inputs - current (isolated)	CE



Features

- Plug-in module
- Easy to connect and replace in all MiBRX base modules
- Configured via Selpro software
- Spring fit terminals

Technical specification

Input specifications

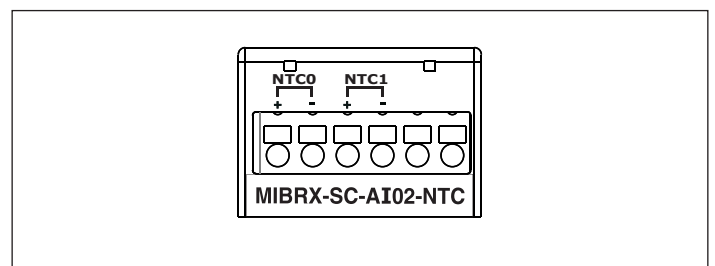
Analog input

No. of channels	2
Conversion time	100 ms
Analog type	NTC
Measurement range	-40°C to +95°C
Input impedance in signal range	≥2K
Accuracy	+/-0.25% of full scale +/- 1C
Resolution	0.1 C
Digital resolution	12bits

General specifications

Ambient operating temperature	0°C to 55°C
Ambient storage temperature	-20°C to 70°C
Humidity	95%

Terminal connection



Ordering information

Product code	Description	Certification
MIBRX-SC-AI02-NTC	MiBRX Slot card - 2 Analog inputs - NTC	CE



Technical specification

Input specifications

Analog input

No. of channels	2
Conversion time	100 ms
Analog type	PT1000
Measurement range	-100 TO 850 C
Input impedance in signal range	≥330K
Accuracy	+/-0.25% of full scale +/- 1C
Resolution	0.1 C
Digital resolution	12bits

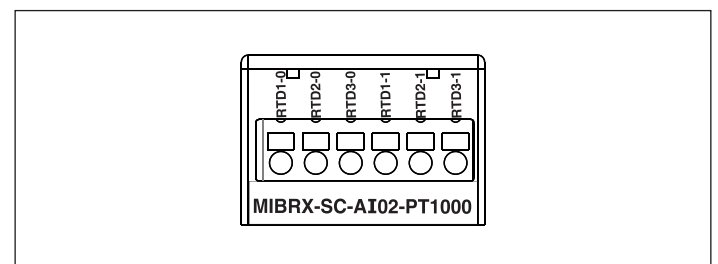
General specifications

Ambient operating temperature	0°C to 55°C
Ambient storage temperature	-20°C to 70°C
Humidity	95%

Features

- Plug-in module
- Easy to connect and replace in all MiBRX base modules
- Configured via Selpro software
- Spring fit terminals

Terminal connection



Ordering information

Product code	Description	Certification
MIBRX-SC-AI02-PT1000	MiBRX Slot card - 2 Analog inputs - PT1000	CE



Features

- Plug-in module
- Easy to connect and replace in all MiBRX base modules
- Configured via Selpro software
- Spring fit terminals

Technical specification

Input specifications

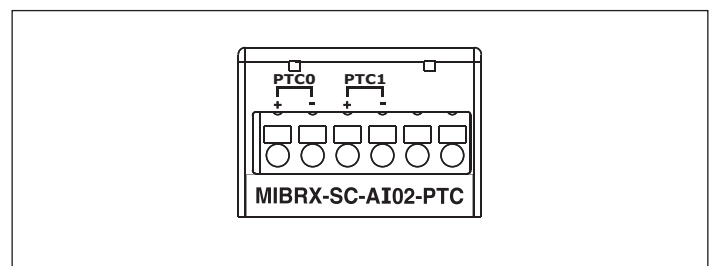
Analog input

No. of channels	2
Conversion time	100 ms
Analog type	PTC
Nominal response range	1. Sensor short : <math><39\Omega (\pm 1\Omega)</math> 2. Sensor healthy : $42\Omega (\pm 1\Omega)$ to <math><3.8k\Omega (\pm 40\Omega)</math> 3. Sensor trip : $>3.8k\Omega (\pm 40\Omega)$ to <math><5.6k\Omega (\pm 60\Omega)</math> 4. Sensor open : $>5.6k\Omega (\pm 60\Omega)$ & above 5. Sensor cut-in : <math><1.5k\Omega (\pm 40\Omega)</math>
Input impedance in signal range	$\geq 2K$
Accuracy	+/- 0.25% of full scale +/- 1C
Resolution	12bits

General specifications

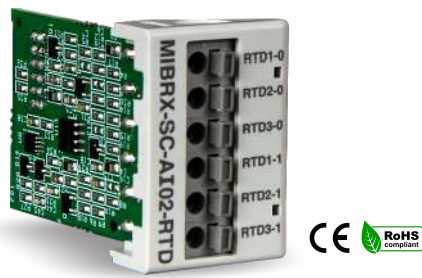
Ambient operating temperature	0°C to 55°C
Ambient storage temperature	-20°C to 70°C
Humidity	95%

Terminal connection



Ordering information

Product code	Description	Certification
MIBRX-SC-AI02-PTC	MiBRX Slot card - 2 Analog inputs - PTC	CE



Features

- Plug-in module
- Easy to connect and replace in all MiBRX base modules
- Configured via Selpro software
- Spring fit terminals

Technical specification

Input specifications

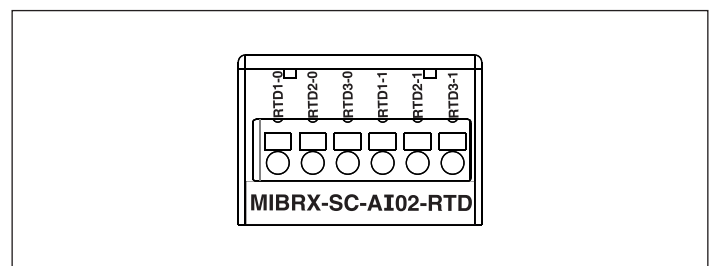
Analog input

No. of channels	2
Conversion time	100 ms
Analog type	RTD
Measurement range	-100 TO 850 C
Input impedance in signal range	≥330K
Accuracy	+/-0.25% of full scale +/- 1C
Resolution	0.1 C
Digital resolution	12bits

General specifications

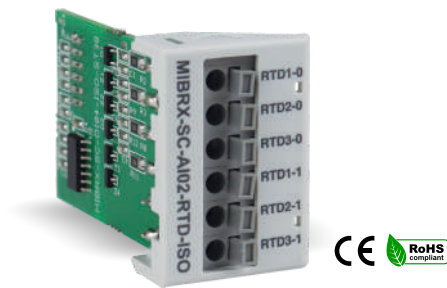
Ambient operating temperature	0°C to 55°C
Ambient storage temperature	-20°C to 70°C
Humidity	95%

Terminal connection



Ordering information

Product code	Description	Certification
MIBRX-SC-AI02-RTD	MiBRX Slot card - 2 Analog inputs - RTD	CE



Features

- Plug-in module
- Easy to connect and replace in all MiBRX base modules
- Configured via Selpro software
- Spring fit terminals

Technical specification

Input specifications

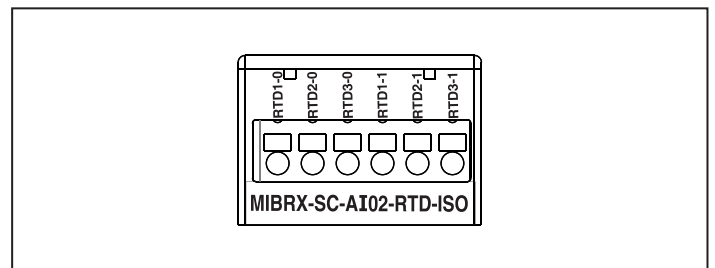
Analog input

No of inputs	2
Conversion time	100 ms
Analog type	RTD
Measurement range	-100 TO 850 C
Input impedance in signal range	≥330K
Accuracy	+/-0.25% of full scale +/- 1C
Resolution	0.1 C
Digital resolution	12bits
Isolation between card	1.5kV

General specifications

Ambient operating temperature	0°C to 55°C
Ambient storage temperature	-20°C to 70°C
Humidity	95%

Terminal connection



Ordering information

Product code	Description	Certification
MIBRX-SC-AI02-RTD-ISO	MiBRX Slot card - 2 Analog inputs - RTD (Isolated)	



Features

- Plug-in module
- Easy to connect and replace in all MiBRX base modules
- Configured via Selpro software
- Spring fit terminals

Technical specification

Input specifications

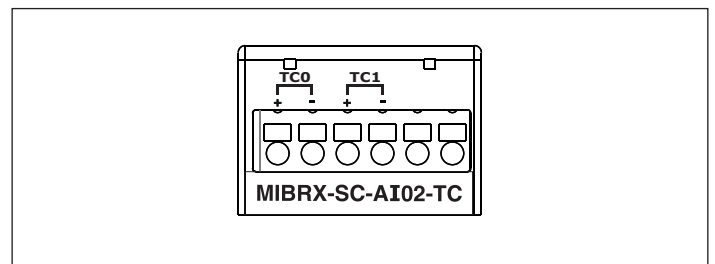
Analog input

No. of channels	2
Conversion time	100 ms
Analog type	Thermocouple
Sensor type	J, K, T, R, S, C, E, B, N, L, U, W, PLATINEL II, MILLIVOLT (-5 TO 65 mV)
Measurement range	As per sensor selection
Input impedance in signal range	≥330K
Accuracy	+/-0.25% of full scale +/- 1C (w.r.t K type)
Resolution	TC : 1 count = 0.1C Mvolt : 1 count = μV
Digital resolution	12bits

General specifications

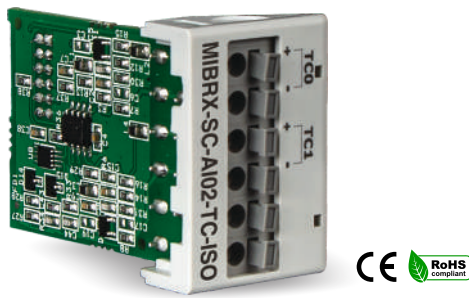
Ambient operating temperature	0°C to 55°C
Ambient storage temperature	-20°C to 70°C
Humidity	95%

Terminal connection



Ordering information

Product code	Description	Certification
MiBRX-SC-AI02-TC	MiBRX Slot card - 2 Analog inputs - Thermocouple	CE



Features

- Plug-in module
- Easy to connect and replace in all MiBRX base modules
- Configured via Selpro software
- Spring fit terminals

Technical Specification

Input specifications

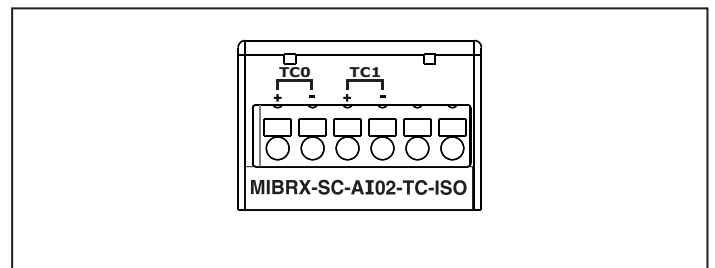
Analog input

No. of inputs	2
Conversion time	100 ms
Analog type	Thermocouple
Sensor type	J, K, T, R, S, C, E, B, N, L, U, W, PLATINEL II, MILLIVOLT (-5 TO 65 mV)
Measurement range	As per sensor selection
Input Impedance in signal range	≥330K
Accuracy	+/-0.25% of full scale +/- 1C (w.r.t K type)
Resolution	0.039mV (For temp) & 1mV (For mV measurement)
Digital resolution	12bits
Isolation between card	1.5kV

General specifications

Ambient operating temperature	0°C to 55°C
Ambient storage temperature	-20°C to 70°C
Humidity	95%

Terminal connection



Ordering information

Product code	Description	Certification
MIBRX-SC-AI02-TC-ISO	MiBRX Slot card - 2 Analog inputs - Thermocouple (Isolated)	CE



Features

- ◆ Plug-in module
- ◆ Easy to connect and replace in all MiBRX base modules
- ◆ Configured via Selpro software
- ◆ Spring fit terminals

Technical Specification

Input specifications

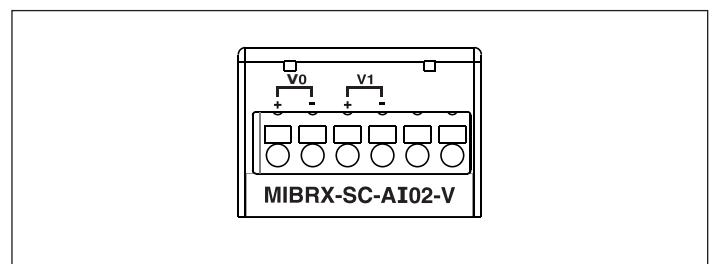
Analog input

No. of channels	2
Conversion time	100 ms
Analog type	Voltage
Measurement range	0-10V (DC)
Input impedance in signal range	≥330k
Accuracy	±0.25% of full scale
Resolution	1 Count = 1mV
Digital resolution	12bits

General specifications

Ambient operating temperature	0°C to 55°C
Ambient storage temperature	-20°C to 70°C
Humidity	95%

Terminal connection



Ordering information

Product code	Description	Certification
MIBRX-SC-AI02-V	MiBRX Slot Card - 2 Analog Inputs - Voltage	CE



Features

- ◆ Plug-in module
- ◆ Easy to connect and replace in all MiBRX base modules
- ◆ Configured via Selpro software
- ◆ Spring fit terminals

Technical specification

Input specifications

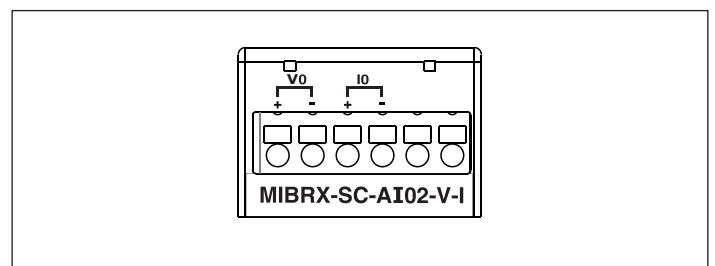
Analog input

No. of channels	2 (1 for Voltage & 1 for Current)
Conversion time	100 ms
Analog type	Voltage / Current
Measurement range	0-20mA (DC) / 0-10V (DC)
Input impedance in signal range	≥330KΩ for voltage / ≥100Ω for current
Accuracy / resolution	0.002mA for Current / 2.44mV for Voltage
Digital resolution	12bits

General specifications

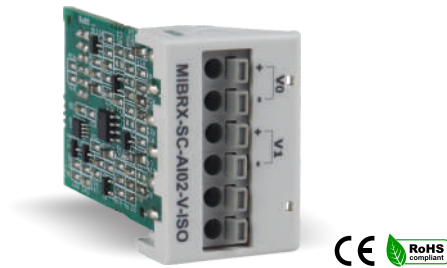
Ambient operating temperature	0°C to 55°C
Ambient storage temperature	-20°C to 70°C
Humidity	95%

Terminal connection



Ordering information

Product code	Description	Certification
MIBRX-SC-AI02-V-I	MiBRX Slot card - 2 Analog inputs - 1 Voltage & 1 Current	CE



Features

- ◆ Plug-in module
- ◆ Easy to connect and replace in all MiBRX base modules
- ◆ Configured via Selpro software
- ◆ Spring fit terminals

Technical specification

Input specifications

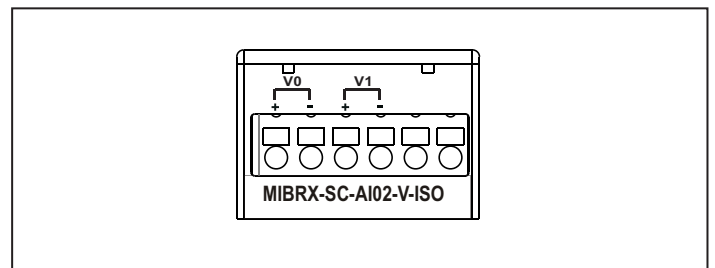
Analog input

No. of inputs	2
Conversion time	100 ms
Analog type	Voltage
Measurement range	0-10V (DC)
Input impedance in signal range	≥330k
Accuracy	±0.25% of full scale
Resolution	2.44mV
Digital resolution	12bits
Isolation between card	1.5kV

General specifications

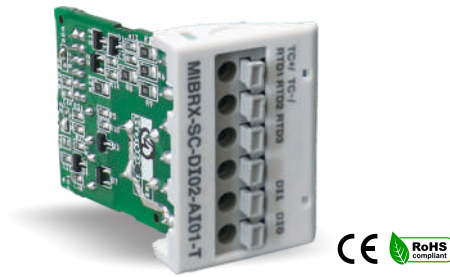
Ambient operating temperature	0°C to 55°C
Ambient storage temperature	-20°C to 70°C
Humidity	95%

Terminal connection



Ordering information

Product code	Description	Certification
MIBRX-SC-AI02-V-ISO	MiBRX Slot Card - 2 Analog inputs - Voltage (Isolated)	CE 



Technical specification

Input specifications

Digital input

No. of inputs	2
Input type	PNP
Input voltage	7-30V DC
Input current	5.5mA@24v
Debounce time	10ms
Response time	10ms
Maximum counting frequency	Standard DI Mode -50Hz
Digital resolution	12bits

Analog input

Analog type	Thermocouple / RTD
Sensor type	J, K, T, R, S, C, E, B, N, L, U, W, PLATINEL II, MILLIVOLT (-5 TO 65 mV) / PT100, PT1000
Measurement range	TC : As per sensor selection RTD : (-100 to 850°C)
Input impedance in signal range	≥330K
Accuracy	+/-0.25% of full scale +/- 1C (w.r.t K type)
Resolution	TC / RTD : 0.1C mvolt : 10µV
Digital resolution	12bits

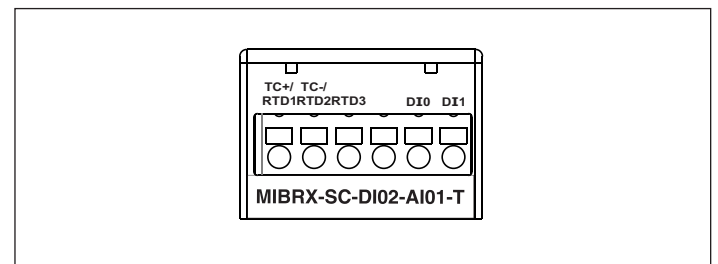
General specifications

Ambient operating temperature	0°C to 55°C
Ambient storage temperature	-20°C to 70°C
Humidity	95%

Features

- Plug-in module
- Easy to connect and replace in all MiBRX base modules
- Configured via Selpro software
- Spring fit terminals

Terminal connection



Ordering information

Product code	Description	Certification
MIBRX-SC-DI02-AI01-T	MiBRX Slot Card - 2 Digital Inputs & 1 Analog Input - TC/RTD	CE RoHS compliant