

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

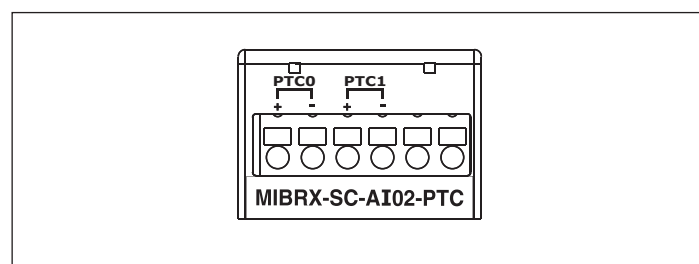
Analog input

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