



Features :

- Plug in module
- Easy to connect & replace in Flexys GT35, Flexys rail, Flexys Panel TX4 & EXP FLEX 2M
- Configured via selpro software
- Spring type pluggable terminals

Input specifications

Analog Inputs

Item	Specifications			
Module	TC	RTD	Voltage	Current
No of channels per card	3 channel			
Sensor	J, K, T, R, S, C, E, B,N, L, U, W, Platinel II, mV (-5 to 65mV)	PT100	0 - 10V	0 - 20mA
Input impedance in signal range	≥470KΩ	≥470KΩ	≥330KΩ	≥100Ω
Resolution	12 Bits			
Conversion time	100ms			
Accuracy	0.25% of F.S. ±1°C	0.1% of F.S. ±1°C	±0.25% of F.S.	
Protection against Polarity Inversion	Yes			
Order Code	FL-SC-AI03-U-AO02-U			

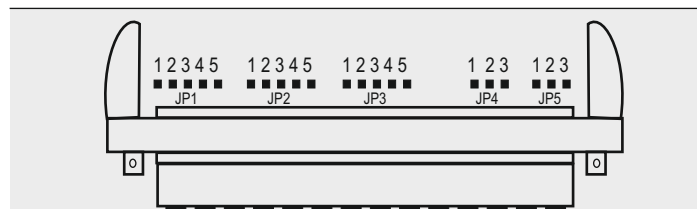
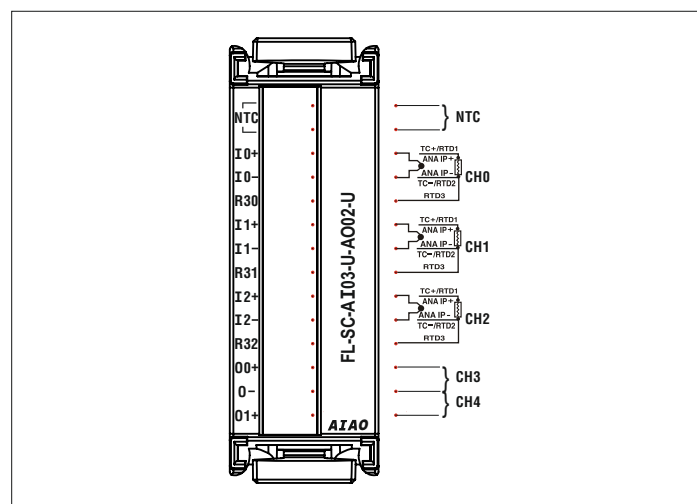
Analog Outputs

Item	Specifications	
Module	Voltage Type	Current Type
No. of Channels per card	2 channel	
Range	0 - 10V	0 - 20mA
Load limit	≥ 1KΩ	<500Ω
Digital resolution	0.0 - 100.0% = 0 - 10V	0.0 - 100.0% = 0 - 20mA
Conversion time	100ms	
Accuracy	±0.25% of F.S.	
None Linearity	±0.25% of F.S.	

General specification

Ambient operating temperature	0 to 55°C
Humidity	95%
Ambient storage temperature	-20 to 70°C
Weight	41 gms

Terminal diagram



Analog inputs

Sensor type	Jumper Selection	Jumper No.
TC / RTD	Short Pin 1 & Pin 2	JP1, JP2, JP3 for CH0, CH1, CH2 respectively
Current	Short Pin 2 & Pin 3	
Voltage	Short Pin 4 & Pin 5	

Analog outputs

Current	Short Pin 1 & Pin 2	JP4, JP5 for CH3, CH4 respectively
Voltage	Short Pin 2 & Pin 3	

Ordering information

Product code	Description	Certification
FL-SC-AI03-U-AO02-U	3 Channel analog input – Universal, 2 Channel analog output – Universal card	CE RoHS in process