

INTRODUCTION

The 2100418 TFIO Module is a configurable 8-point Analog Input module. Each point can be configured as a 0-10V voltage input or a 0-20mA current input.

POINT SPECIFICATIONS

Electrical (each point):

Input Mode	Range
Voltage	0-10V
Current	0-20mA

Maximum Voltage mode input before soft over-range:
10.7V

Maximum allowable continuous input current:
22.8mA

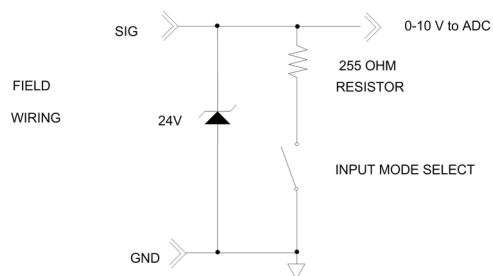
Typical Input Impedance Voltage Mode:
91.24K Ohms

Typical Input Impedance Current Mode:
249.3 Ohms



Typical Point Schematic

Typical Point Schematic



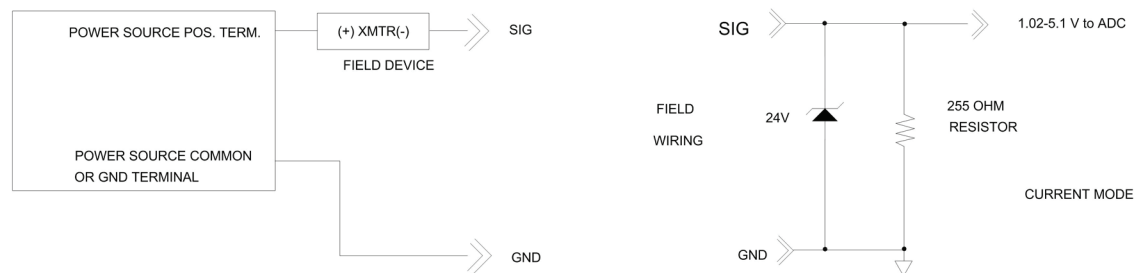
TFIO Analog Input (Type II) Module Pin Designation				
	J1	J2	J3	J4
1	AI1 (+)	AI3 (+)	AI5 (+)	AI7 (+)
2	AI1 (GND)	AI3 (GND)	AI5 (GND)	AI7 (GND)
3	AI2 (+)	AI4 (+)	AI6 (+)	AI8 (+)
4	AI2 (GND)	AI4 (GND)	AI6 (GND)	AI8 (GND)

Example Connections

TYPICAL VOLTAGE INPUT FIELD WIRING



TYPICAL 2 WIRE 4--20mA DEVICE FIELD WIRING



For further information on this and other TFIO modules refer to the User Manual.

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