

## INTRODUCTION

The 2100415 TFIO Module is a configurable 4 channel, 4-20mA analog output module. Each point can be configured to either sink or source a 4-20mA signal using either an internal or external power source.

## POINT SPECIFICATIONS

### Electrical (each point):

Maximum allowable voltage range on VDC source, current sink or source is 26.5VDC (VDC common is essentially System Ground).

**Maximum External Power Source:**  
26.5 VDC

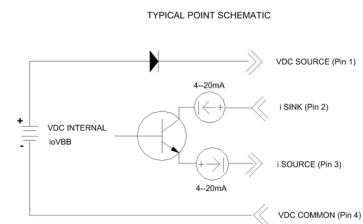
**Minimum Load Resistance:**  
(internal / external powered)  
0 Ohms

**Maximum Load Resistance:**  
(internally powered)  
350 Ohms

**Maximum Load Resistance RMAX:**  
(Calculated)  
 $(VDC\ External - 4.0) \times 50.0$

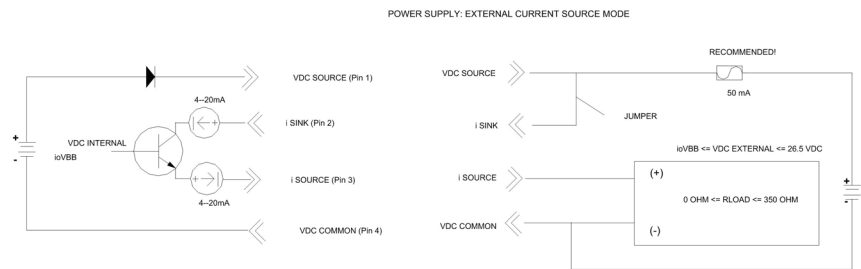
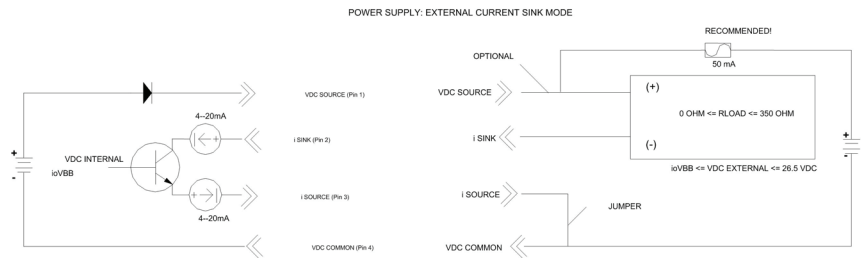
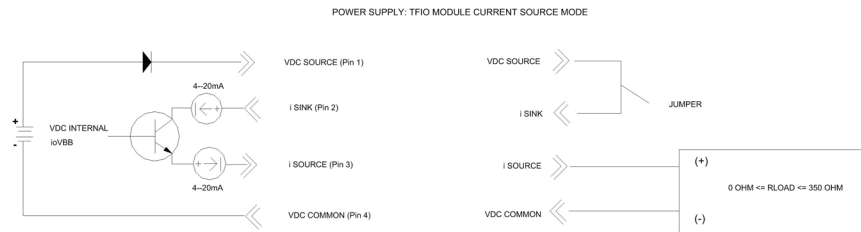
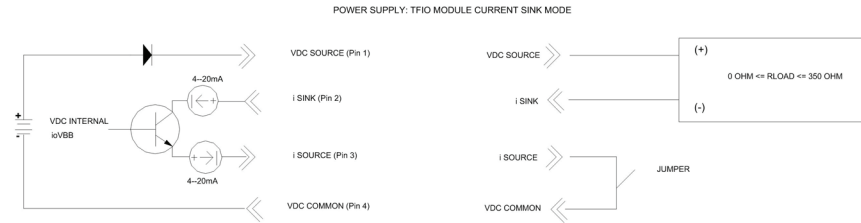


Typical Point Schematic



TFIO Analog Output (4-20mA) Module Pin Designation				
	J1	J2	J3	J4
1	AO1 VDC source	AO2 VDC source	AO3 VDC source	AO4 VDC source
2	AO1 Isink	AO2 Isink	AO3 Isink	AO4 Isink
3	AO1 Isource	AO2 Isource	AO3 Isource	AO4 Isource
4	AO1 VDC common	AO2 VDC common	AO3 VDC common	AO4 VDC common

Example Connections



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