

9.6 Data Registers

MODULE TYPE = 104

Modbus Register	Register Name	Low Limit	High Limit	Access	Comments
30001	S/W Version / Module Type	N/A	N/A	R	High Byte = Software Version Low byte = 102
30002	Analog Input 1	0	4095	R	Analog inputs in lower 12 bits.
30003	Analog Input 2	0	4095	R	
30004	Analog Input 3	0	4095	R	
30005	Analog Input 4	0	4095	R	
30006	Analog Input 5	0	4095	R	
30007	Analog Input 6	0	4095	R	
30008	Analog Input 7	0	4095	R	
30009	Analog Input 8	0	4095	R	
30010	Input Status	0	65535	R	bit 2 = 0 (open circuit or <2) bit 2 = 1 (over range) bit 1 = 0 (OK) bit 1 = 1 (error)
30100	DIP Switch	0	65535	R	Status of DIP Switch on Front Panel
40101	Analog Input Type	0	5	R/W	See Technical Specifications, p. 34 .
40121	Baud Rate	2400	11520	R/W	2400, 4800, 9600, 19200, 38400, 57600, 115200
40122	Parity	0	2	R/W	0 = none, 1 = even, 2 = odd
40123	Stop Bits	1	2	R/W	1 = 1 stop bit, 2 = 2 stop bits
40124	Reply Delay	0	65535	R/W	0 = Disable, >0 = Enable. (x10 ms)



Technical Specifications

Power supply	Logic supply voltage	12–24 VDC	
	Logic supply current	58 mA @ 12 V / 31 mA @ 24 V	
Current inputs	Input points	8	
	Input current	0(4)–20 20 mA	
	Input type	Range	Resolution
	1	0–4095	12 bits
	2	0–20 mA	1 µA
3	+/- 20 mA	1 µA	
	Drift	100 ppm/°C	
	Isolation	1000 Vrms between field and logic 350 V peak between each input	
Temperature	Operating temperature	-10 °C to + 50 °C	
	Storage temperature	-40 °C to + 85 °C	
Connectors	Logic power and comms.	4-pin connector on underside of unit	
	Outputs	18-way screw connector on front	