



Connector/Pin	Function
P1A-A	ANALOG INPUT 0-5 VDC: TYPICALLY C-39, MSI LOAD CELLS CONFIGURABLE I/O GND OR PWR SEEK (CHANNEL 0)
P1A-D	ANALOG INPUT 4-20mA: WATER TANK LEVEL SENSORS (ISOLAIR) CONFIGURABLE I/O GND OR PWR SEEK (CHANNEL 1)
P1A-G	ANALOG INPUT 0-5 VDC: SECONDARY SOURCE (TYPICALLY NOT USED) CONFIGURABLE I/O GND OR PWR SEEK (CHANNEL 2)
P1A-K	ANALOG INPUT 4-20mA: SECONDARY SOURCE (TYPICALLY NOT USED) CONFIGURABLE I/O GND OR PWR SEEK (CHANNEL 3)
P1A-B,E,H,L	PROVISIONAL 28VDC TO POWER 4-20 mA SENSORS IF REQUIRED
P1A-C,F,J,M	ANALOG RETURNS
P1A-N	OPEN COLLECTOR TO TRIGGER EXTERNAL DEVICES (PROVIDES A GND)
P1-P,R,S	RELAY CONTACTS (SOME AFF REQUIRE A RELAY TO TRIGGER LOCATION)
P1A-T,U	4-20 mA OUTPUT SIGNAL: USED TO DRIVE SECONDARY LEVEL INDICATORS
Connector/Pin	Function
P2A-A	PG_SEEK_1: CONFIGURABLE I/O GND OR PWR SEEK (P3)
P2A-B	PG_SEEK_2: CONFIGURABLE I/O GND OR PWR SEEK (P4)
P2A-C	DISCRETE I/O: TRIGGERS ON GND INPUT (P6)
P2A-D	DISCRETE I/O: TRIGGERS ON GND INPUT (P7)
P2A-E,F,G	RS232 (C) AT CMOS LEVEL. SOME AFF REQUIRE RS232 INPUT. ALSO USED TO PROGRAM ATU IN THE FIELD
P2A-H	RESET PIN FOR PROGRAMMING
P2A-J,K	INPUT POWER (TYPICAL DRAW .08A)
Connector/Pin	Function
P3A-A,B,C	RS232 (C) AT CMOS LEVEL. USED FOR DEBUGGING AND FOR ADDITIONAL SERIAL DATA REQUIREMENTS.
P3A-D	ANALOG INPUT 0-10 VDC: USED FOR TANK LEVEL SENSORS WITH VOLTAGE OUTPUT CONFIGURABLE I/O GND OR PWR SEEK (CHANNEL 4)
P3A-E	DISCRETE I/O: TRIGGERS ON POWER INPUT (P5)
P3A-F	DISCRETE I/O: TRIGGERS ON GND INPUT (P8)
P3A-G	5V UTILITY POWER. USED TO POWER MISC. DEVICES AS NEEDED
P3A-H,J	USB_D-, USB_D+ (USB OUTPUT: TYPICALLY SPIDER 8)
P3A-K	USB RTN