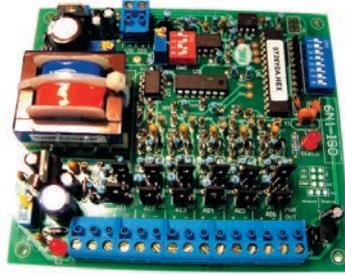


**B.M.S INPUT - OUTPUT MODULE**  
**1-6 x 0-10VDC IN MAX, MIN, AVERAGE OUT**

6N1.1

This product analyses up to six analogue inputs and produces a single analogue output of either the Average, Lowest, Highest or the Difference of two inputs.



6N1.1

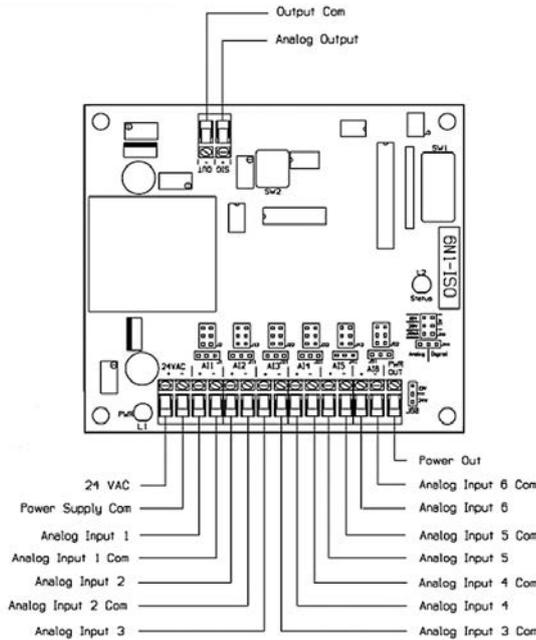
6 x 0-10vdc input to 1 x vdc output

LED Status Indicators

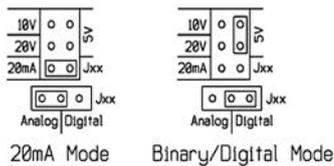
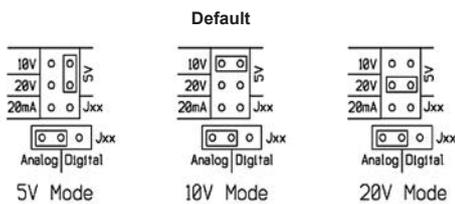
Dip Switch selectable modes of operation and ranges

Type	Supply ±10%	Input Selectable	Output Selectable	Consumption	Protection
<b>6N1.1</b>	24VAC/DC	up to 6 x 0-10VDC 6 x 0-05VDC	1 x 0-10VDC 1 x 0-5VDC	255mA	IP00

**WIRING:**



**OPERATION:**



**MODE DIP SWITCH SETTINGS - BLOCK SW1: Factory Default - All Off**

MODE	DIPswx 1	DIPswx 2	DIPswx 3
Average	OFF	OFF	OFF
High	OFF	OFF	ON
Low	OFF	ON	OFF
Difference	OFF	ON	ON
Binary	ON	OFF	OFF

SWITCHES 7 & 8 NOT USED

Use Inputs 1 and 2 only for Difference

**OUTPUT TYPE DIP SWITCH SETTINGS - BLOCK SW2: Factory default is Voltage Out**

OUTPUT TYPE	DIPswx 1	DIPswx 2
Voltage Out	OFF	ON
Current Out	ON	OFF

**MODE DIP SWITCH SETTINGS - BLOCK SW1: Factory Default - All Off**

MODE	DIPswx 1	DIPswx 2	DIPswx 3
Average	OFF	OFF	OFF
High	OFF	OFF	ON
Low	OFF	ON	OFF
Difference	OFF	ON	ON
Binary	ON	OFF	OFF

SWITCHES 7 & 8 NOT USED

Use Inputs 1 and 2 only for Difference

**OUTPUT RANGE DIP SWITCH SETTINGS - BLOCK SW2: Factory default is 0-10 VDC**

OUTPUT RANGE	DIPswx 3	DIPswx 4
0-5V/0-20mA	ON	OFF
0-10V	OFF	ON
0-20V	OFF	OFF

**INSTALLATION:** Terminals 0.5 - 2.5mm<sup>2</sup>      Sensor cable size 7/0.2mm      Keep away from power cables/units which may cause interference.  
 Max length 100m.      Screened cable is recommended.      The screen should be earthed at the controller 0V terminal only.