



SC-ISOSLICE-4

4 Thermocouple Input SC-ISOSLICE Unit

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Cynergy3 Components Ltd

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The SC-ISOSLICE-4 unit has 4 thermocouple inputs. It can be configured to accept a variety of different thermocouple types and temperature ranges as shown in the table below.

Switch 1 selects the thermocouple type for Inputs 1 & 2 and Switch 2 selects the thermocouple type for Inputs 3 & 4.

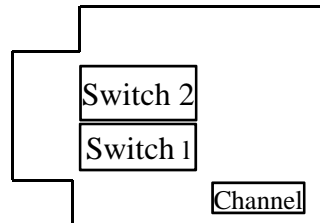
The Isoslice-4 is factory calibrated so no user calibration is required.

Input Type	Input Range °C	Switch 1 ON Input 1	Switch 1 ON Input 2	Switch 2 ON Input 3	Switch 2 ON Input 4
Type K	0-1200	4	8	4	8
Type J	0-1200	3,4	7,8	3,4	7,8
Type N	0-1000	2,4	6,8	2,4	6,8
Type E	0-1000	2,3,4	6,7,8	2,3,4	6,7,8
Type R	0-1400	1	5	1	5
Type S	0-1400	1,3	5,7	1,3	5,7
Type B	400-1800	1,2	5,6	1,2	5,6
Type N	-200-400	1,2,3	5,6,7	1,2,3	5,6,7

Channel Number

The channel number is set up using the 8 way dipswitch shown in the diagram below. If all switches are off, channel number is 1 (invalid, indicated by the LED flashing red):

Address Switches	Action
8	add 1
7	add 2
6	add 4
5	add 8
4	add 16
3	add 32
2	add 64



Channel	Switches 2 3 4 5 6 7 8	Channel	Switches 2 3 4 5 6 7 8
2	0 0 0 0 0 0 1	9	0 0 0 1 0 0 0
3	0 0 0 0 0 1 0	10	0 0 0 1 0 0 1
4	0 0 0 0 0 1 1	11	0 0 0 1 0 1 0
5	0 0 0 0 1 0 0	12	0 0 0 1 0 1 1
6	0 0 0 0 1 0 1	13	0 0 0 1 1 0 0
7	0 0 0 0 1 1 0	14	0 0 0 1 1 0 1
8	0 0 0 0 1 1 1	15	0 0 0 1 1 1 0
		16	0 0 0 1 1 1 1

1 = On, 0 = Off

Connections

