

## Datasheet – 4:1 Combiner

The 4:1 Combiner provides signal averaging of up to 4 x 0-10V signals to a single 0-10V output. Drawing views are 3rd angle.


### Features –


1. Up to 4 x 0-10V inputs.  
Dip switch located on the top of the unit can be used to select 1 or 2 up to 4 inputs.
2. Powered by DC Plug Pack 12V DC @ 150mA.
3. Fully Isolated inputs and Outputs.
4. Transient protection on inputs, Output and Supply input.
5. Power indicator.
6. DIN Rail mountable.
7. Cascade capable, more than 4 inputs can be combined into a single 0-10V output using multiple modules.

### Warnings –

As the unit is fully isolated, it is important to not cross wire the signals and grounds between the inputs and the outputs. At best the unit will not function at worst damage may occur rendering the unit nonfunctional.



Left hand side pin out	Input 1	Input 2	Input 3
Signal (+ve)			
GND (-ve)			

Right hand Side pin out	Input 4	+12V	Output
Signal (+ve)			
GND (-ve)			