

Hi AC current, 0.25-50Hz bandwidth ~2 sec. response, low ripple

Operating Description

The USC701 has been programmed to convert 0-400mV r.m.s. input to 4-20mA

The USC701 calculates the average of the AC signal with updates approximately 2 seconds with low ripple in the output.

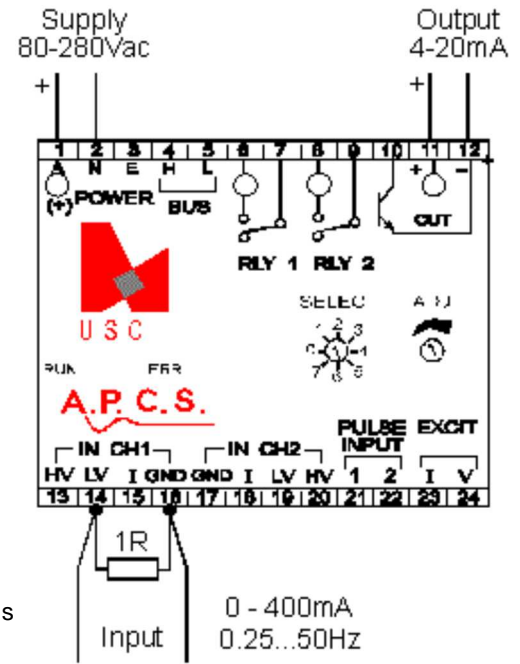
Programming

When "USC Config 105" is released the input channel will be automatically set to this operating mode if a sample time above 500mS is selected.



The new sample times available in USC Config 105 are 1000mS, 2000mS and 4000mS, when these times are selected on ac input ranges the A-D sample rate is reduced to 900Hz instead of the standard rate.

If one of the new sample times are selected on a dc input then the previous sample times still apply of 50, 60 or 900Hz (Fast).

Units that are required to be programmed before "USC Config 105" is released can be programmed using the "USC Debug" program and adjusting the CH1 Config and CH1 Samples variables.



USC Programs

File	Comment
 Help	If unexpected results occur when loading the .usc file press back and click on help for instructions.
 UAP00231.usc	First Issue

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