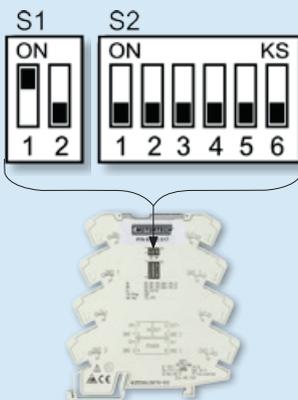


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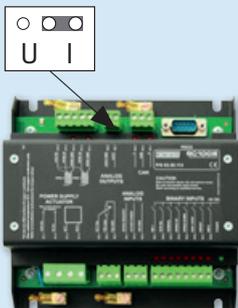
## Isolation Amplifier P/N 63.02.017 Control of two ITB Throttle Bodies with integrated Stepper Motor with SC100 Speed Controller

Using the isolation amplifier P/N 63.02.017, you can pass on the position signal of a SC100 speed controller to a second VariStep3 stepper motor driver. This way you can control two ITB throttle bodies with integrated stepper motor with one SC100 electronic speed controller on a V-engine. Please note:

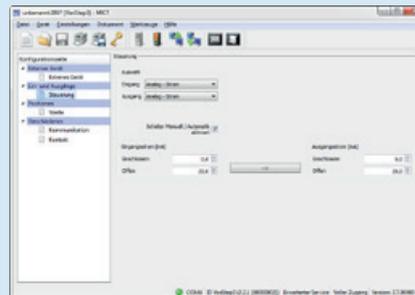
1. On the isolation amplifier, the DIP switches of banks S1 and S2 must be set as shown.



2. The jumper of the control output *AOUT* of the SC100 must be set in current (I) position as shown (see SC100/ECON-4 Operating Manual).

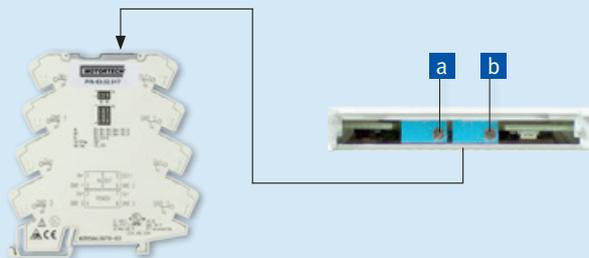


3. In the configuration of both VariStep3 stepper motor drivers, *Analog Current* must be set as control input and 0 to 20 mA as input current (see VariStep3 Operating Manual).



4. Wire only in a disconnected state and with the engine switched off (see illustration on page 2).

5. If necessary, deviations in the incoming control signal at the VariStep3 of the B bank can be corrected with the potentiometers of the isolation amplifier. The zero potentiometer **b** shifts the signal, the span potentiometer **a** adjusts the signal span.

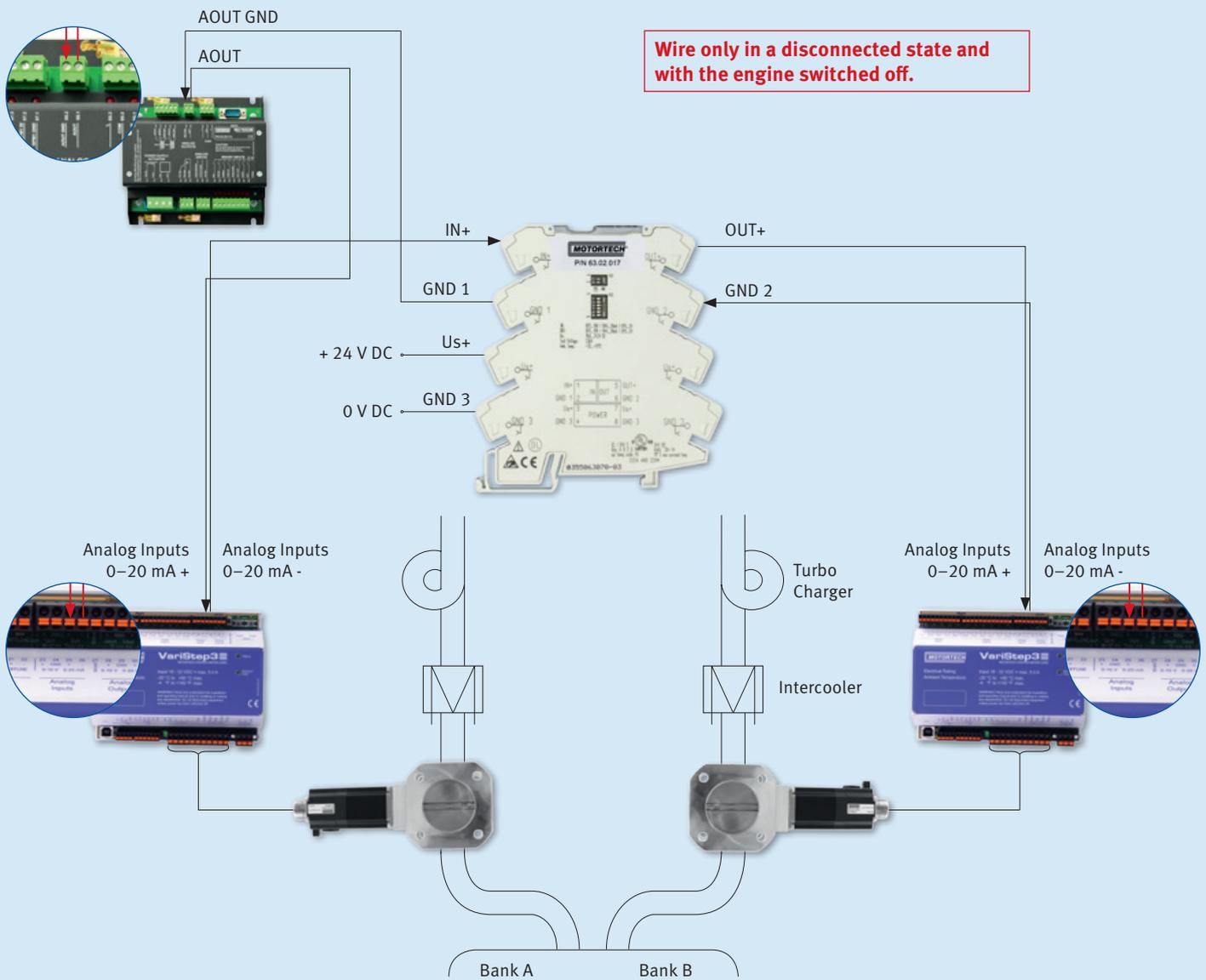


Customers / others	Yes
Representatives and Sales Partners	Yes
OEM partners	Yes
MOTORTECH subsidiaries	Yes

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## Wiring

Please note the hint on page 1.



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