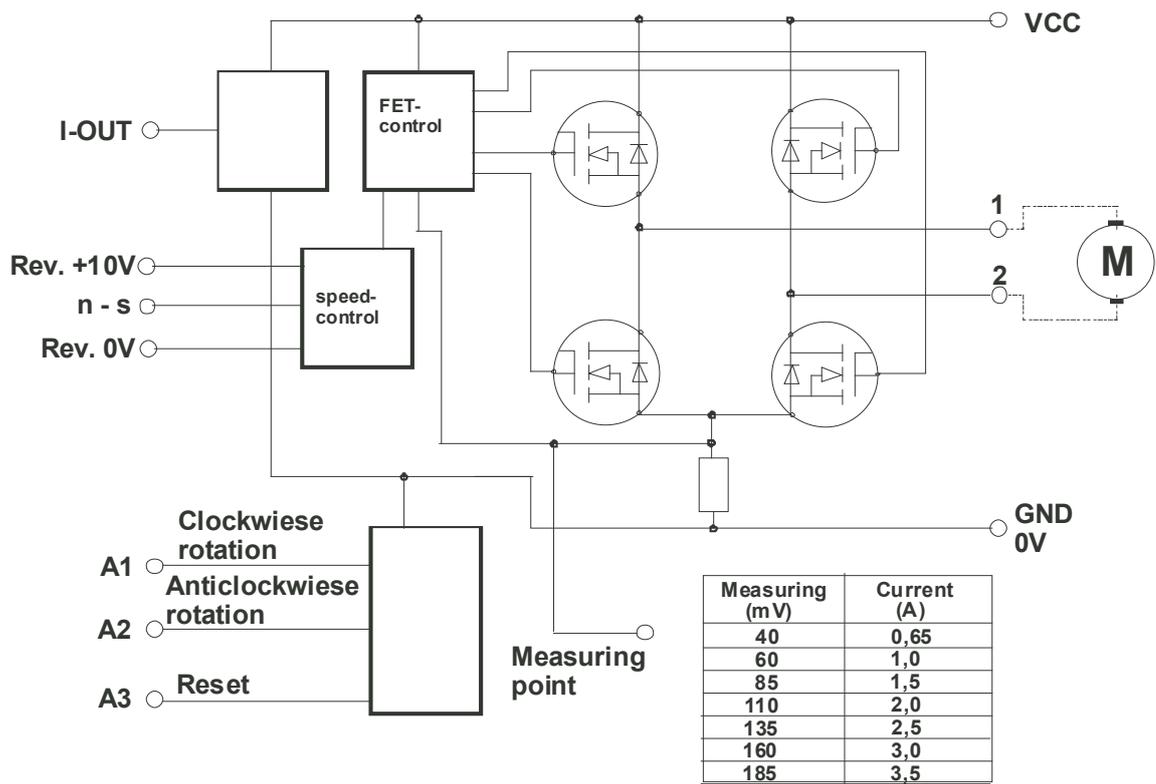


The module protects the motor from unacceptably high currents in the event of locking. If the motor current exceeds the set value, the module switches off the motor after the time set at the trimmer under dynamic braking. To prevent the current evaluation from responding during acceleration of the motor, a fixed time (approx. 300ms) is active. If the motor current exceeds the set value during operation, the motor is switched off after the time set at the trimmer and remains blocked up to the next RESET. Reset is released by LOW signal at A1 and at A2 or by HIGH signal at A3. If the motor has accelerated, and it needs current monitoring, A3 must receive a LOW signal. If the module switches off the motor because of excess current, this status is displayed by a red LED and I-out signal output jumps to +24VDC. This remains stored until the next RESET. A measuring point has been installed at a terminal to set always the same motor current for serial production. The setting can be read off at a voltmeter, The module is provided with a speed controller which can be set at a potentiometer or analog output SPS (0-10VDC). A multitude of applications is provided in this case, e.g.: protection for materials and tools against excessive pressure, protection for equipment against locking drive belts, conveyor belts, straps, trucks,....., cutout upon exceeding the motor shaft torque. The module can be used as a substitute for mechanical reversing relays by de-activating the current monitoring.



Direction of Travel	Polarity	
Clockwiese (A1)	M1 -	M2 +
Anticlockwiese (A2)	M1 +	M2 -