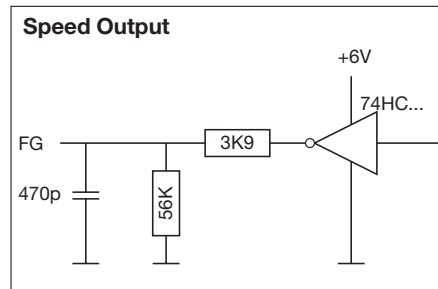
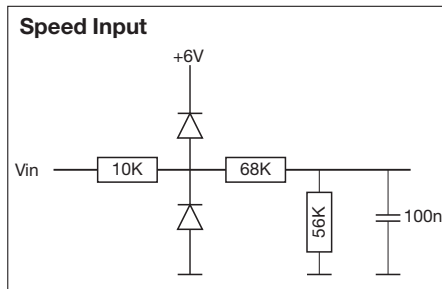
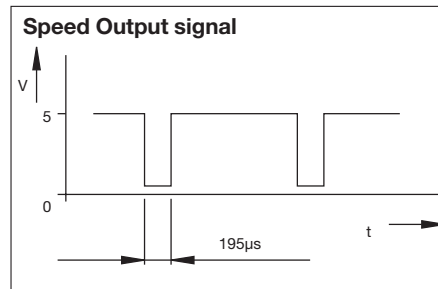


# Wiring diagram (8003 BLDC)

Pin	Function	Colour	Control
Pin 1	V Supply	Red	12 VDC (max. voltage range: 10..18 VDC) 24 VDC (max. voltage range: 10..28 VDC)
Pin 2	Ground	Black	Ground for Vsupply (PIN 1) and Speed Control (PIN3)
Pin 3	Speed control	White	analog: 0..5 VDC (max. 28V) PWM: 6..20 kHz - 14..96% Speed voltage input threshold: 0,2 V
Pin 4	Tacho out	Green	18 pulses per revolution Pulse time „LOW“: 195 µs Output level „LOW“: 0 / max. 0,5 V Output level „HIGH“: min. 4 V / max. 5 V



Optional: Adapter for 2-wire duty incl. potentiometer for speed adjustment



## Options / Accessories

P/N 29011930 **Adapter for BLDC motor**  
4-2 wire w/manual speed control  
12VDC "red"

P/N 29011931 **Adapter for BLDC motor**  
4-2 wire w/manual speed control  
24VDC "black"



**THOMAS**  
by Gardner Denver