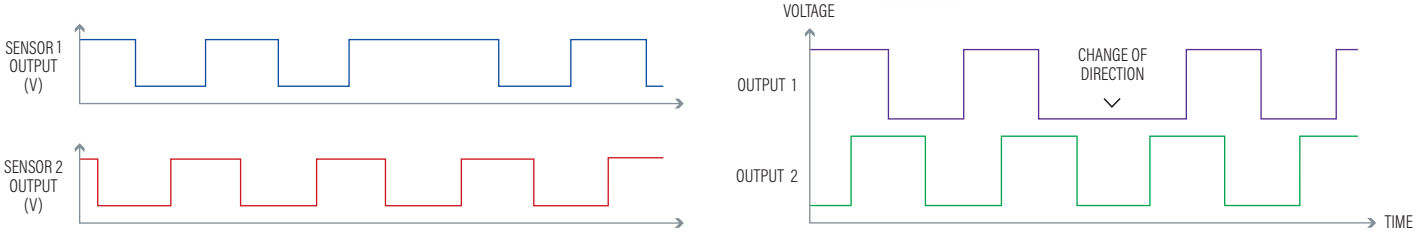
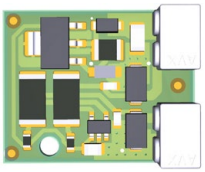
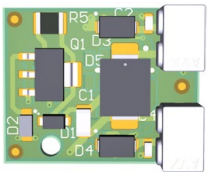
HALL SENSOR ENCODER

Hall-effect encoder play a crucial role in ensuring precise motor control by accurately determining the speed and rotation of the motor shaft.
Our design offers flexibility, immunity to dirty working conditions, and reliable performance.



MAIN HALL SENSOR ENCODERS FEATURES





Hall sensor	2 channels at 90º	
Accuracy per revolution	2+2 6+6	pulses
Voltage range Vcc	5 to 34	V
Reverse Supply Voltage Vrcc	-20	V
Output high Vout	Internal 10k pull up to Vcc Internal 2,4k pull up to Vcc	
Output low Vout / Iout maximum current	0,5V and (Iol = 10mA)	
Operating Ambient Temperature TA	-40 to 80	ºC
Maximum Junction Temperature Tj(max)	150	ºC
Storage Temperature	-50 to 150	ºC
EMC requirements	According to ISO 14982:1998 According to EN 50121-3-2	

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