									-									
	Туре	Resolution	Noise (RMS)	max speed	Price	link	Interfaces			lectrica nnecti								
Note: only encoders with bandwidth (filter cutoff) >200Hz are considered		Count/rev	deg	RPM	Each, for 10 units		Quadrature	index	absolute Single	ended	ODrive does not have a receiver for differential encoders, you will have to add that yourself.							
Generic 600ppr encoder	shaft	2400	0.0433	4500	\$12.00	https://www.	у	n	n	y I								
CUI - AMT10	through bore	8192	0.0127	7500	\$24.00	https://www.	у	у	n	/	Standard ODrive Robotics encoder							
CUI - AMT11	through bore	16384	0.0063	4000	\$32.00	https://www.	у	у	n	/								
USDigital - E6	through bore	40000	0.0026	4320	\$67.00	https://www	у	у	n	/								
CUI - AMT23	through bore	16384	0.0063	4000	\$49.00	https://www.	n	у	у	/ 1	We have discovered an issue with these and are in	vestigating. See: ht	ps://github.com/r	nadcowswe/ODri	ve/issues/420#is	suecomment-66	5274932	
CUI - AMT21	through bore	16384	0.0063	4000	\$49.00	https://www.	n	у	у	ו ו	RS-485 protocol not yet implemented							
AMS - AS5047P	on-axis chip	16384	0.0680	28000	\$7.62	https://www.	n	у	у	/ 1	Supported in SPI AMS mode							
AMS - AS5048A	on-axis chip	16384	0.0600		\$7.38	https://www	n	у	у	y I	Supported in SPI AMS mode							
AMS - AS5047U	on-axis chip	16384	0.0480	28000			у	у	у	y I	Not currently supported by ODrive							
MagAlpha - MA702	on-axis chip	4096	0.0300	60000	\$5.10	https://www.	n	у	у	/ 1								
Infineon - TLE5012	on-axis chip	16384	0.0500															
AMS - AS5311 (w 128p mag ring)	multipole off-axis	262144	0.0017	1099	\$15.00	https://www	у	n	n	/ 1	Has stocking issues							
REV Through Bore Encoder	through bore	It is actually	a Broadcon	AEAT-8800-	\$35.00	https://www.	у	у	у	/ 1								