

ENX 42 MILE Encoder Ø42 mm, 2048 CPT
Integrated into motor

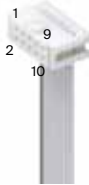


Key data		ENX 42 MILE incremental	
Number of channels		2	
Max. counts per turn		2048	
Encoder length L	mm	1.1	
Ambient temperature	°C	-40...+100	
Weight	g	8	

Selection criteria		ENX 42 MILE incremental	
Speed and rotation direction detection		■	
Speed and position control		■	
Compact and robust design		■	
High resolution		■	
Cost effective		■	

■ suitable ▲ suitable to a limited extent ● not suitable

Specifications		ENX 42 MILE incremental	
Supply voltage V _{cc}	V	5V ±10%	
Typical current draw	mA	15	
Max. operating frequency	kHz	1000	
Max. speed	rpm	10000	
Connector		10-pin 2.54 mm multipoint connector (IEC/EN 60603-13 / DIN41651)	
		Pin 1 not connected	
		Pin 2 V _{cc}	
		Pin 3 GND	
		Pin 4 not connected	
		Pin 5 channel A̅	
		Pin 6 channel A	
		Pin 7 channel B̅	
		Pin 8 channel B	
		Pin 9 not connected	
		Pin 10 not connected	



Modular system	Page	Dimensions standard version	M 1:2
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EC motor	
ECX FLAT 42 S	263
ECX FLAT 42 S High Torque	264
ECX FLAT 42 M High Torque	265

