

Key data		ENX 4 MAG incremental, commutation signal	
Number of channels		3	
Max. counts per turn		256	
Additional length at motor	mm	2.7	
Ambient temperature	°C	-40+100	
Weight	g	1	

Selection criteria	ENX 4 MAG increme	ental, commutation signal
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 4 MAG incremental, commutation signal
Supply voltage V _{cc}	V 3.03.6
Typical current draw	mA 13
Max. operating frequency	kHz 500
Max. Speed	rpm 100000
Connection ³	FPC, 12 pole, pitch 0.5 mm Pin 1 W1 Pin 2 W2 Pin 3 W3 Pin 4 GND Pin 5 V_{cc} Pin 6 channel A Pin 7 channel B Pin 8 channel I Pin 9 H1 Pin 10 H2 Pin 11 H3 Pin 12 do not connect ¹ Output signal: CMOS compatible Output current per channel: ± 4 mA
Configuration	ENX 4 MAG incremental, commutation signal

Counts per turn²

1...256



Further technical details can be found in the product information in the online shop under Downloads.