

## XN



Selection criteria	ENX 4 MAG incremental, commutation signal	
Speed and rotation direction detection	■	
Speed and position control	■	
Compact and robust design	■	
High resolution	▲	
Cost effective	■	

Specifications	ENX 4 MAG incremental, commutation signal	
Supply voltage V <sub>cc</sub>	V	3.0...3.6
Typical current draw	mA	13
Max. operating frequency	kHz	500
Max. Speed	rpm	100 000
Connection <sup>3</sup>	FPC, 12 pole, pitch 0.5 mm	
	Pin 1	W1
	Pin 2	W2
	Pin 3	W3
	Pin 4	GND
	Pin 5	V <sub>cc</sub>
	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 <sup>1</sup>
	Output signal: CMOS compatible	
	Output current per channel: ±4 mA	

Configuration	ENX 4 MAG incremental, commutation signal	
Counts per turn²	1...256	

[illegible]