

ENX 25 IMR Encoder Ø25 mm, 128...1000 CPT

NEW



Key data		IMR 3-channel differential	
Number of channels		3	
Max. counts per turn		1000	
Encoder length L'	mm	8,5	
Ambient temperature	°C	-20...+85	
Weight	g	10	

Selection criteria	IMR 3-channel differential	
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		IMR 3-channel differential
Supply voltage V_{CC}	V	5 ±0.5
Typical current draw	mA	13
Max. operating frequency	kHz	400
Max. Speed	rpm	24 000
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 \bar{A}
	Pin 6	channel A
	Pin 7	channel \bar{B}
	Pin 8	channel B
	Pin 9	channel \bar{I}
	Pin 10	channel I
	Output signal: EIA-Standard RS 422	
	Output current per channel: ±20 mA	

Variants		IMR 3-channel differential						
Part Number		870712	870713	870715	870714	870716		
Counts per turn		128	256	500	512	1000		
Cable length	mm	506	506	506	506	506		

[illegible]