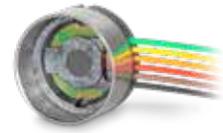


ENX 16 EASY Absolute XT Encoder \varnothing 16 mm, 4096 steps, Single Turn



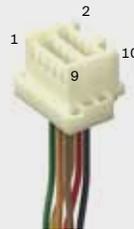
ENX

Key Data	EASY Absolute Differential
Steps per turn	4096
Resolution (bit single turn)	12
Encoder length L ¹	mm 9.0
Ambient temperature	°C -55 ... +125
Weight	g 7

Selection criteria	EASY Absolute Differential
Speed and rotation direction detection	■
Speed and position control	■
Compact and robust design	■
High resolution	■
Cost effective	▲

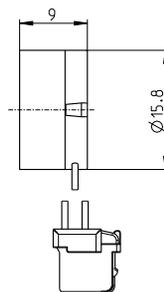
■ suitable ▲ suitable to a limited extent ● not suitable

Specifications	EASY Absolute Differential
Supply voltage Vcc	V 5 ±0.25
Typical current draw	mA 22
Max. Speed	rpm 30 000
Connector	10-pin 1.5 mm multipoint connector Molex Clik-Mate (503154) Pin 1 Not connected Pin 2 Not connected Pin 3 Not connected Pin 4 Not connected Pin 5 CLK Pin 6 CLK\ Pin 7 Data Pin 8 Data\ Pin 9 GND Pin 10 V _{CC} Output signal: EIA-Standard RS 422 Output current per channel: ± 20 mA



Configuration	EASY Absolute Differential
Signal protocol	BiSS-C, SSI
Cable length	mm 500, 1000
Alignment of cable outlet in relation to motor flange	° 15

maxon Modular System	Page	Dimensions Standard Version	M 3:4	Notes
maxon DC motor				
DCX 16 S	93-94			¹ For attachment to DCX motors: added 2-4 mm thick intermediate plate.
DCX 16 L	95-96			
DCX 19 S	97-98			
DCX 22 S	99-100			
DCX 22 L	101-102			
DCX 26 L	103-104			
DCX 32 L	105			
DCX 35 L	106			



Also available in combination with BLDC motors (see pages 470-471)

xdrives.maxongroup.com