

ENZ

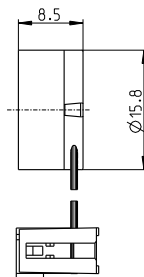


Selection criteria	EASY absolute	
Speed and rotation direction detection	■	
Speed and position control	■	
Compact and robust design	■	
High resolution	■	
Cost effective	■	

Specifications	EASY absolute
Supply voltage V_{CC}	V 5 ±0.5
Typical current draw	mA 17
Max. Speed	rpm 25 000
Connector	10-pin 2.54 mm multipoint connector (IEC/EN 60603-13 / DIN41651) Pin 1 Data Pin 2 V_{CC} Pin 3 GND Pin 4 CLK Pin 5 do not connect ² ($\bar{A}$) Pin 6 do not connect ² (A) Pin 7 do not connect ² (B) Pin 8 do not connect ² ($\bar{B}$) Pin 9 do not connect ² (I) Pin 10 do not connect ² (J) Output signal: CMOS compatible Output current per channel +20 mA

Modular system		Page	Dimensions standard version	M 1:1	Notes
DC motor		EC motor			
DCX 16 S	105–106	EC-max 16	279/281		Adapter EASY Absolute 488167 (required for all max-on controllers).
DCX 16 L	107–108	EC-max 22	282–283		¹ Length given excludes any intermediate plate for mounting on a motor. The effective total length of a motor-encoder combination can be found on the respective dimensional drawing.
DCX 19 S	109–110	EC-max 30	284–285		² Applying voltage to these pins may destroy the encoder.
DCX 22 S	111–112	EC-max 40	286–287		
DCX 22 L	113–114	EC-4pole 22	291–292		
DCX 26 L	115–116	EC-4pole 30	293/295		
DCX 32 L	117	EC-i 30	302–305		
DCX 35 L	118	EC-i 40	306–311		
DC-max 26 S	125–126	EC-i 52	312–315		
		ECX PRIME 16 M	236		
		ECX PRIME 16 L	237		
		ECX PRIME 22 L	239		

The drawing shows a side view of a motor-encoder assembly. A horizontal dimension line at the top indicates a width of 8.5. A vertical dimension line on the right indicates a height of 15.8. The assembly consists of a rectangular block with a smaller, narrower section extending from its center. A dashed horizontal line passes through the center of the narrower section. Below the main block, there is a small, dark, cylindrical component.



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