LD1000 Comparison Table - Variant Overview

PHOENIX MECANO

	LD1000E With End-Position Feedback	LD1000C With Internal Controller
		
Control / regulating functions		
Speed regulating	○	●
Configurable Speed	○	●
Programmable start/stop ramps	○	●
Customer control software compatibility	○	●
Can be controlled digitally	●	●
Direction of movement selection by reversing the supply voltage polarity	●	○
Synchronous drive movement	○	●
Direct Motor Control (Pulse Width Modulation Suitable)	○	○
Feedback		
Communication Interface	○	●
Absolute displacement measuring system	○	●
Detection of end position	●	●
End-position feedback potential bound	●	●
End-position feedback potential-free	●	○
Analogue position feedback	○	●
Hall Sensor (Encoder) position feedback	○	○
Monitoring functions		
Current limiter without shut-down	●	○
Overcurrent shut-down, with user defined limit option	○	●
Undervoltage protection	○	●
Stalling shut-down	○	●
Temperature monitoring	○	●
Duty Cycle Guard, preventing internal overheating	○	●
Additional features		
Customizable Front and Rear Mounting Connections	●	●
Special strokes can be set at factory	●	●
Special strokes can be set by customer (with software)	○	●
Optional Brake Motor	○	●

* Dependant on external controller with supporting feature
** Dependant on actuator specification