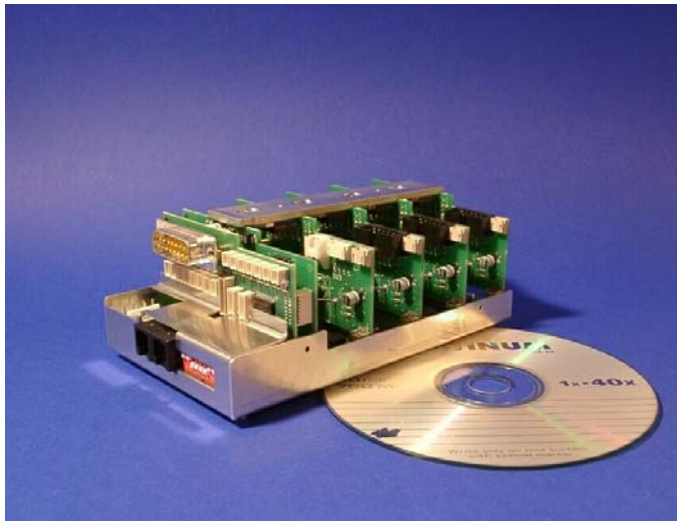


**CD 85**

**Controller for Servo Motors**



**Technical Data**

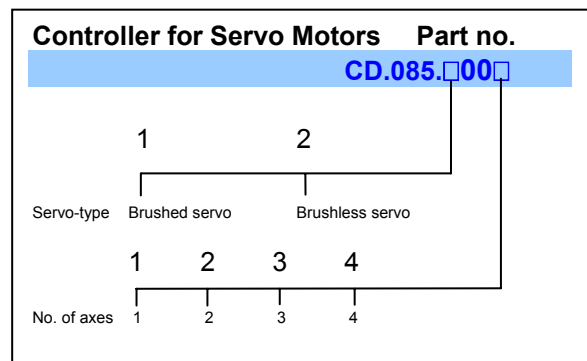
No. of motors:	1 to 4 motors
Types of motors:	brushed or brushless servo
Encoder:	incremental
Types of profiles:	trapezoidal, s-curve, velocity profile, electrical gear, closed curves
Contr. commands:	user friendly and self-instructional commands and parameters
Electronical gear:	master encoder selectable, slave-axis selectable, factor "in motion" alterable
Outline buffer:	any outline with up to 65,000 points programmable
Control parameter:	PID-portion, acceleration/velocity parameter changeable during motion
Monitoring functions:	error limit and position error window selectable, comparator function, simultaneous tracing of different parameters during motion
Inputs per axis:	Encoder signals A, B, Index, Home, End+, End-
Free inputs:	16 inputs, protected against misconnection, short-circuit proof
Free outputs:	16 outputs
Status/Errordisplay:	6 LED
Interfaces:	RS 232, CAN-Bus (standard CAN 2.0B)
Supply voltage:	24 V

**Specifications**

- compact design, only 146 x 85 x 55 mm
- for up to 4 motors with 100 Watts
- power supply 24 Volts
- I/O card with 16 cannels optionally

**Application Examples**

- Motion control in
- Bio Technology
  - Microscopy
  - Quality Control
  - Metrology
  - R & D



**Dimensions:**