

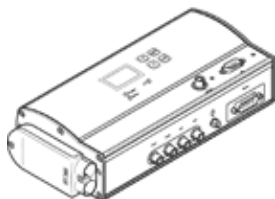
# Motor controller

## SFC-LACI-VD-10-E-H2-DN

Part number: 562852

FESTO

for assignment of parameters and positioning for electrical cylinders with linear motors DNCE-...-LAS and DFME-...-LAS.



## Data sheet

Feature	Value
Controller operating mode	adaptive status controller
Position sensor	Encoder
Mains filter	Integrated
Protective function	I <sup>2</sup> t monitoring Current monitoring Voltage failure detection Drag error monitoring Software end-position detection
Display	128 x 64 pixels LED Graphical LCD display
Control elements	4 keys
Bus terminating resistor	120 Ohm, external
Digital logic output characteristics	configurable Not electrically isolated
Max. current, digital logic outputs	1 A
Max. intermediate circuit voltage, DC	48 V
Nominal controller power	480 VA
Nominal DC voltage, logic power supply	24 V
Nominal voltage, load supply DC	48 V
Nominal current, load supply	10 A
Effective nominal current per phase	10 A
Parameters configuring interface	RS232 (38400 Baud) Parameters configuration and commissioning
Peak power	960 VA
Peak current, load supply	20 A
Peak current, logic supply	3.8 A
Effective peak current per phase	15 A
Permissible range, load supply	+5 % / -10 %
Permissible range, logic voltage	± 10 %
CE symbol (see declaration of conformity)	according to EU-EMV guideline
Storage temperature	-20 ... 60 °C
Relative air humidity	0 - 90 % non-condensing
Protection class	IP54
Ambient temperature	0 ... 40 °C
Authorization	C-Tick
Product weight	1,300 g
Number of 24 V DC digital logic outputs	3
Number of digital logic inputs	3
Communications profile	FHPP
Process interface	DeviceNet
Specification, logic input	IEC 61131

Feature	Value
Logic input working range	24 V
Encoder interface output, characteristics	BISS
Encoder interface input, characteristics	RS485/RS422
Logic input characteristics	Electrically isolated
Bus connection	9-pin Plug Sub-D
Fieldbus coupling	DeviceNet
Max. fieldbus transmission speed	1 Mbit/s
Mounting type	with top-hat rail with wall/surface fixing
Materials note	Contains PWIS substances Conforms to RoHS