

# motor controller SFC-DC-VC-3-E-H2-IO

Part number: 538913

FESTO

To parametrise and position the electrical mini slide SLTE and the parallel gripper HGPLE.



## Data sheet

Feature	Value
Controller operating mode	Cascade controller with P position controller PI speed controller P current regulator
Position sensor	Encoder
Protective function	I <sup>2</sup> t monitoring Current monitoring Voltage failure detection Drag error monitoring Software end-position detection
Display	Graphical LCD display With display of complete text
Control elements	4 keys
Digital logic output characteristics	Electrically isolated
Max. current, digital logic outputs	500 mA
Nominal controller power	75 W
Nominal DC voltage, logic power supply	24 V
Nominal voltage, load supply DC	24 V
Nominal current, load supply	3 A
Nominal current, logic supply	0.1 A
Parameters configuring interface	Parameters configuration and commissioning RS232 (9600 Baud)
Peak current, load supply	5 A
Peak current, logic supply	0.8 A
Permissible range, load supply	± 10 %
Permissible range, logic voltage	± 10 %
CE mark (see declaration of conformity)	to EU directive for EMC
Storage temperature	-25 ... 60 °C
Relative air humidity	0 - 95 % non-condensing
Shock resistance	Following DIN EN 60068-2-27
Protection class	IP54
Vibration resistance	Following DIN EN 60068-2-6
Ambient temperature	0 ... 40 °C
Authorisation	C-Tick
Product weight	600 g
Number of 24 V DC digital logic outputs	4
Number of digital logic inputs	8
Process interface	I/O coupling For 32 traversing records
Specification, logic input	IEC 61131
Encoder interface input, characteristics	A/B signal with index pulse RS485/RS422
Logic input characteristics	Electrically isolated
Mounting type	with top-hat rail with wall/surface fixing
Materials note	Contains PWIS substances