



- Precise and rigid guide
- Freely programmable with respect to position, speed and acceleration
- High flexibility
- Motor controller SFC-DC:



Mini slides SLTE, electric

Key features

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Field of application

The electric mini slide SLTE is ideal for use in automation applications where controlled end-position cushioning (gentle stopping), constant travel speed and positioning capability are important factors.

The SLTE has the same interfaces on the yoke, slide and underneath the housing as the pneumatic SLT. It is also fully compatible with the modular handling and assembly system and SLT adapter kits.

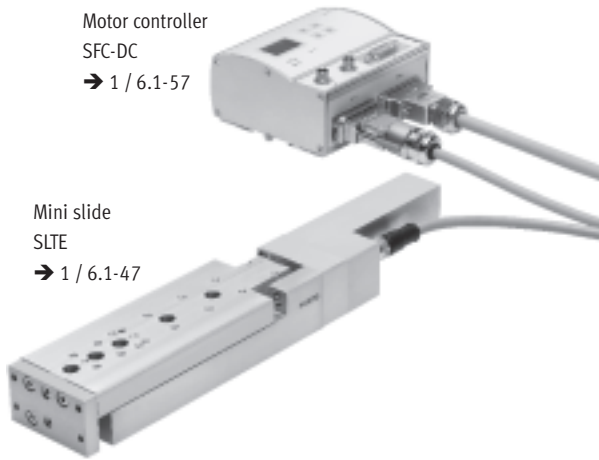
Special features

- Precise and rigid guide
- Freely positionable
- Fast positioning times
- Through-holes from above and below
- Integrable sensors
- Gentle starting and stopping
- Working loads up to 4 kg
- Constant travel speeds of 2 ... 200 mm/s

Everything from a single source

Motor controller
SFC-DC
→ 1 / 6.1-57

Mini slide
SLTE
→ 1 / 6.1-47



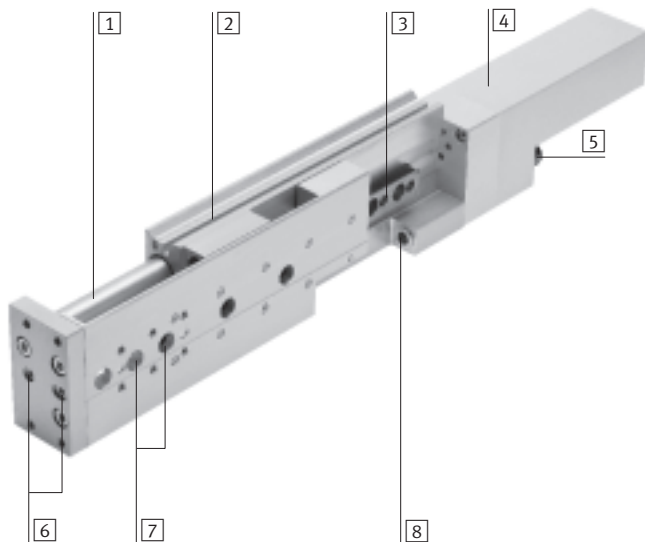
The mini slide SLTE and motor controller SFC form one unit.

- Thanks to the protection class IP54, the SFC can be mounted close to the SLTE, either:
 - on central supports
 - on a H-rail
- Only one cable required between SLTE and SFC
- Motor controller SFC available with or without control panel
- Simple control via I/O or Profibus connection

Parameterisation possible via:

- Control panel:
 - suitable for simple positioning cycles
- Configuration package FCT (Festo configuration tool):
 - parameterisation via RS 232 interface
 - Windows-based PC user interface (Festo configuration tool)

The technology in detail



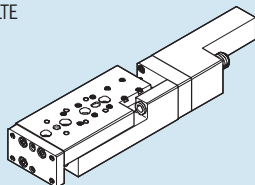
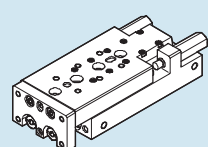
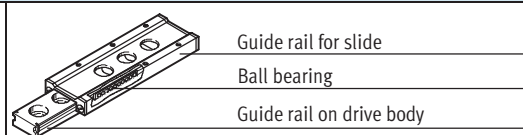
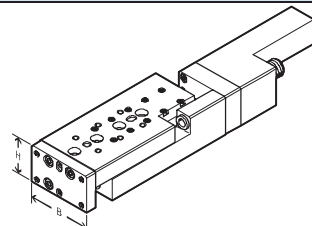
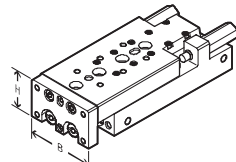
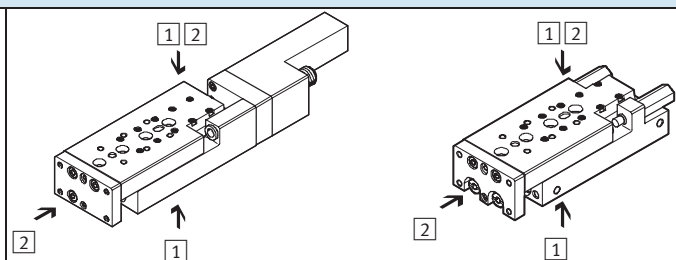
- 1 Drive rod
- 2 Slot for reference switch
- 3 Ball bearing guide
- 4 Drive assembly consisting of DC motor with displacement encoder
- 5 Electrical connection
- 6 Threaded holes and through-holes with centring hole for attaching the working load
- 7 Threaded holes and through-holes with centring hole for attaching the SLTE
- 8 Fixed stop with integrated rubber buffer

Mini slides SLTE, electric

Key features

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Comparison between electric mini slide SLTE and pneumatic mini slide SLT

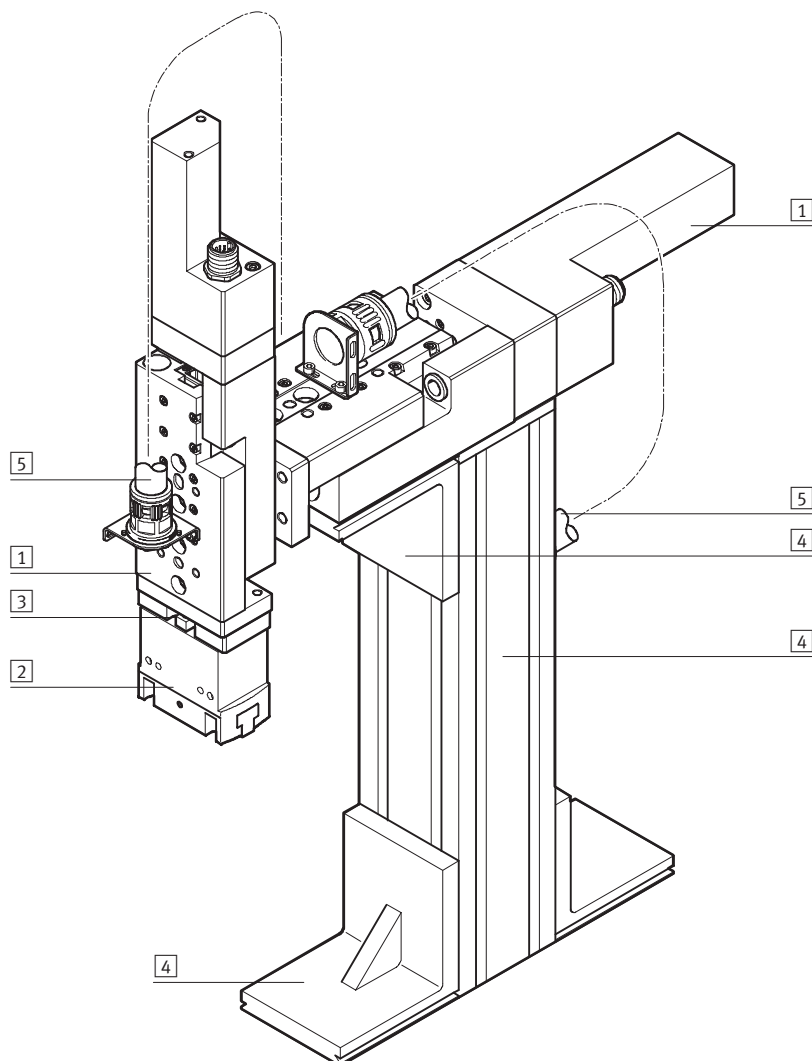
	Electric: SLTE	Pneumatic: SLT												
 														
Advantages														
	■ Gentle starting and stopping ■ Constant and precise speed (2 ... 200 mm/s) ■ Flexible positioning without mechanical devices ■ Programmable drive profile	■ High feed force ■ High speed ■ Fast positioning time ■ Compact length												
Guide														
■ Preloaded, backlash-free, precise and rigid ball bearing cage guide ■ High torque and load absorption	 Guide rail for slide Ball bearing Guide rail on drive body													
Dimensions														
■ Identical width and height dimensions <table><tr><td>Type</td><td>Width (W)</td><td>x</td><td>Height (H)</td></tr><tr><td>SLT(E)-10</td><td>50</td><td>x</td><td>30 mm</td></tr><tr><td>SLT(E)-16</td><td>66</td><td>x</td><td>40 mm</td></tr></table>	Type	Width (W)	x	Height (H)	SLT(E)-10	50	x	30 mm	SLT(E)-16	66	x	40 mm	 	
Type	Width (W)	x	Height (H)											
SLT(E)-10	50	x	30 mm											
SLT(E)-16	66	x	40 mm											
Interfaces														
■ Identical mounting and attachment options 1 Mounting surfaces: Direct mounting using threaded holes and through-holes 2 Attachment surfaces: Direct mounting of loads and devices (e.g. SLT: semi-rotary drives and grippers) by means of threaded holes in slide and yoke plate														
Technical data														
Piston Ø	[mm]	10, 16	6 ... 25											
Stroke	[mm]	50 ... 150	10 ... 200											
Max. speed	[m/s]	0.2	0.8											
Repetition accuracy at end positions	[mm]	±0.1	±0.02											
Intermediate positions		Any	None											

Mini slides SLTE, electric

Key features

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System product for handling and assembly technology



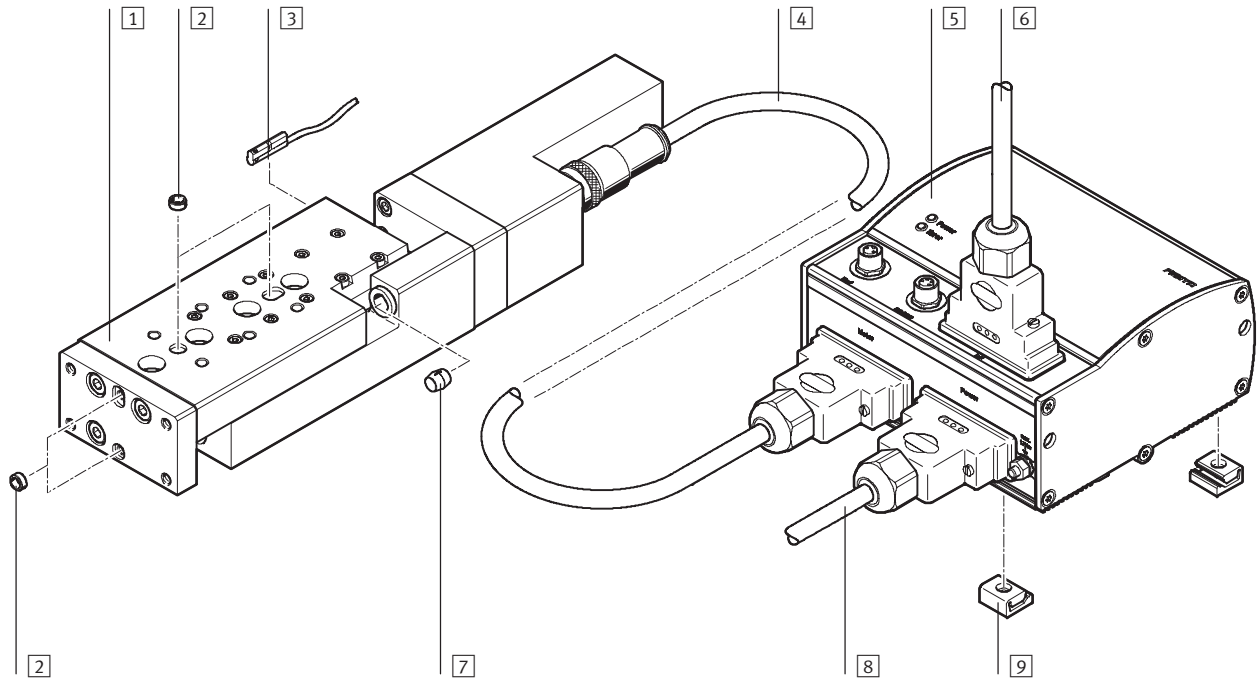
System elements and accessories		
	Brief description	→ Page
1 Axes	Wide range of combinations options within handling and assembly technology	Volume 5
2 Gripper	Wide range of variation options within handling and assembly technology	Volume 1
3 Adapter	For drive/drive and drive/gripper combinations	Volume 5
4 Basic components	Profiles and profile combinations as well as profile/drive combinations	Volume 5
5 Installation components	For achieving a clear-cut, safe layout for electrical cables and tubing	Volume 5
– Drives	Wide range of combinations options within handling and assembly technology	Volume 1

Mini slides SLTE, electric

Peripherals overview

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Size 10/16



Accessories		
	Brief description	→ Page
1	Mini slide SLTE	Electromechanical linear axis with plain-bearing spindle 1 / 6.1-47
2	Centring pin/sleeve ZBS/ZBH	– For centring loads and attachments – Centring sleeves included in scope of delivery 1 / 6.1-55
3	Proximity sensor SME/SMT-10	For referencing mini slide or for sensing slide position 1 / 6.1-55
4	Motor cable KMTR	Connecting cable between motor and motor controller 1 / 6.1-61
5	Motor controller SFC	For parameterising and positioning mini slide 1 / 6.1-57
6	Control cable KES	Cable for I/O connection to any controller 1 / 6.1-61
7	Buffer	Buffer included in scope of delivery –
8	Supply cable KPWR	Power supply cable; load and logic power supplies are isolated 1 / 6.1-61
9	Central support MUP	– For mounting motor controller – Motor controller can also be mounted on H-rail 1 / 6.1-61

Mini slides SLTE, electric

Type codes

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		SLTE	–	16	–	80	–	LS	–	G04
Type										
SLTE	Mini slide									
Size										
Stroke [mm]										
Spindle type/pitch										
LS	Plain-bearing spindle									
Gearing type										
G04	Gear unit ratio $i = 4.4$									

Mini slides SLTE, electric

Technical data

-  Size
10 and 16
-  Stroke length
50 ... 150 mm



General technical data			
Size		10	16
Constructional design		Electromechanical linear axis with plain-bearing spindle	
Guide		With ball bearings	
Type of mounting		Via through-holes	
		Via female thread	
		Via female thread and centring sleeve	
Stroke	[mm]	50, 80	50, 80, 100, 150
Stroke reserve per end position	with rubber buffer at both ends [mm]	0.5	0.6
	with rubber buffer at one end [mm]	1.2	1.25
Assembly position		Any	
Spindle pitch	[mm]	5	7.5
Min. travel speed	[mm/s]	2	
Max. acceleration	[m/s ²]	2.5	
Repetition accuracy	[mm]	±0.1	
Reversing backlash	[mm]	< 0.1	

Electrical data for motor			
Size		10	16
System resolution of encoder		512 (pulses per rotation)	1,000 (pulses per rotation)
Nominal operating voltage	[V DC]	24	
Output	[W]	4.5	18

Operating and environmental conditions			
Size		10	16
Ambient temperature		0 ... +40	
Protection class		IP40	
Fast transients		To EN61000-4-4	
Max. noise level ¹⁾	[dB A]	< 50	< 55
CE symbol (declaration of conformity)		In accordance with EU EMC directive	

1) At maximum permissible speed

Weight [g]						
Size		10		16		
Stroke		50	80	50	80	100 150
Product weight		574	737	1,185	1,465	1,714 2,196
Moving load		163	235	296	415	519 729

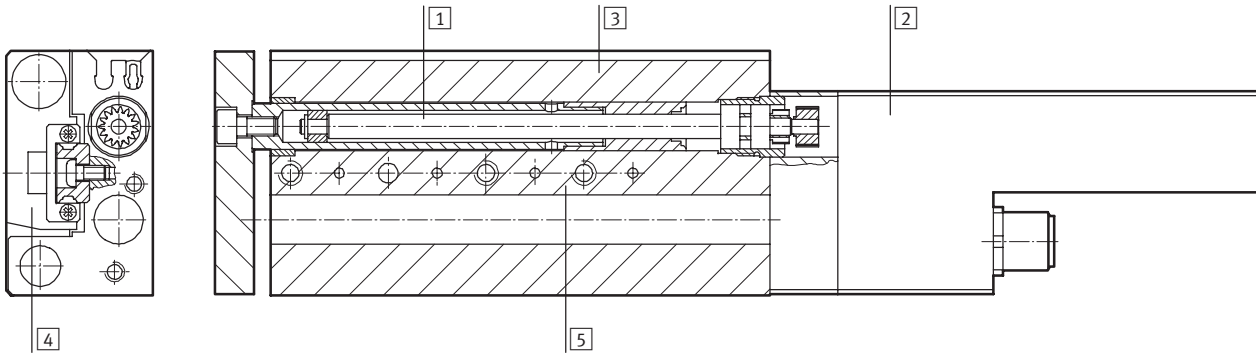
Mini slides SLTE, electric

Technical data

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Materials

Sectional view



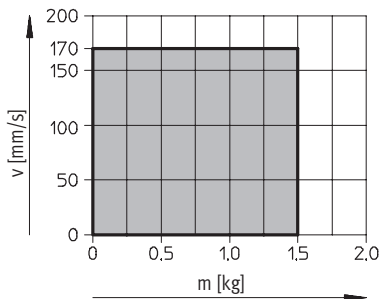
Mini slide

1	Spindle	High-alloy steel
2	Motor housing	Wrought aluminium alloy, anodised
3	Housing	Wrought aluminium alloy, anodised
4	Slide	Wrought aluminium alloy, anodised
5	Guide	Tempered steel
–	Seals	Thermoplastic rubber, nitrile rubber

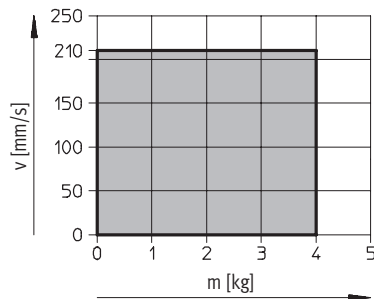
Travel speed v as a function of applied load m

Horizontal mounting position

SLTE-10

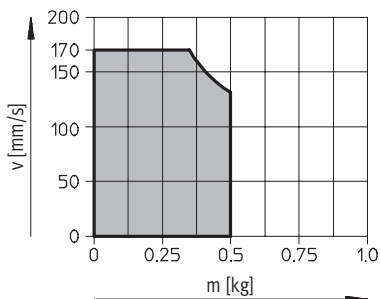


SLTE-16

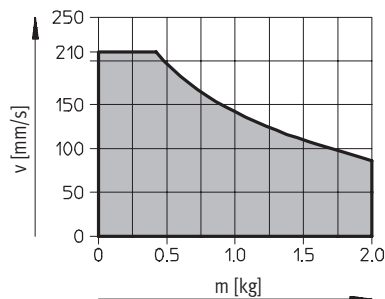


Vertical mounting position

SLTE-10



SLTE-16



 Permissible operating range

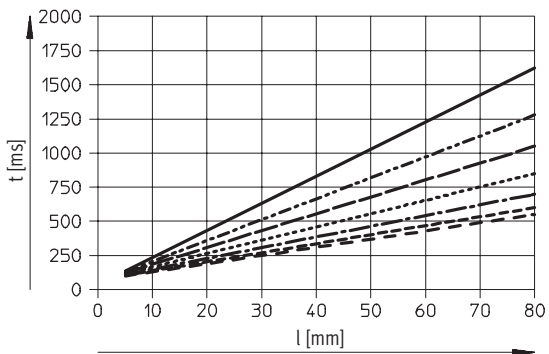
Mini slides SLTE, electric

Technical data

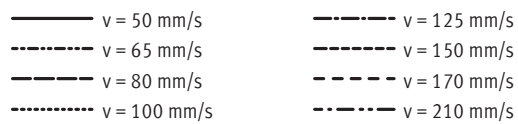
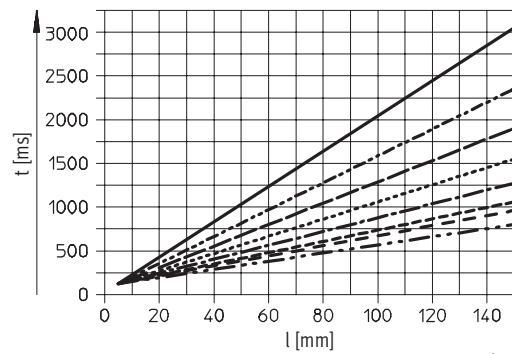
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Positioning time t as a function of stroke l

SLTE-10



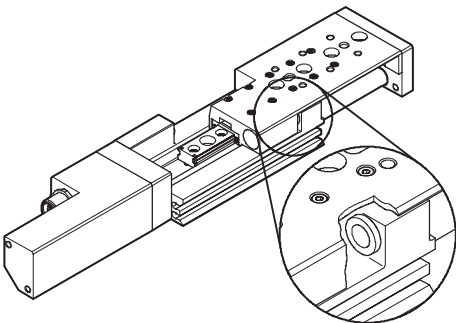
SLTE-16



Homing

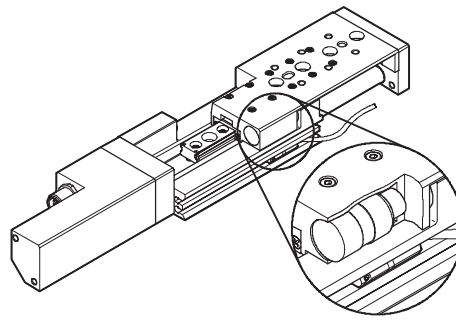
to fixed stop

- Positive fixed stop
 - To front stop bush (extended)
- Negative fixed stop
 - To rear stop bush (retracted)



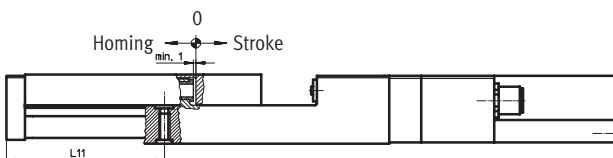
to proximity sensor

- Position freely selectable

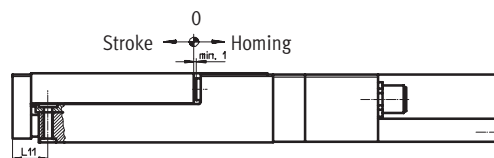


The following applies for homing to a fixed stop:

Positive fixed stop



Negative fixed stop



Size	Stroke	L11	
		Positive fixed stop	Negative fixed stop
10	50	67.4 ^{+1.1}	15.6 ^{-1.1}
	80	97.0 ^{+1.1}	15.2 ^{-1.1}
16	50	74.9 ^{+1.1}	23.1 ^{-1.1}
	80	104.1 ^{+1.1}	22.3 ^{-1.1}
	100	124.6 ^{+1.1}	22.8 ^{-1.1}
	150	173.3 ^{+1.1}	21.5 ^{-1.1}

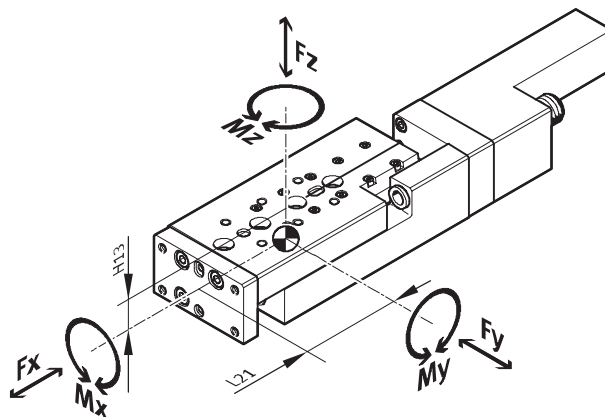
Mini slides SLTE, electric

Technical data

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Dynamic characteristic load values

Torques are indicated with reference to the centre of the guide.
They must not be exceeded in the dynamic range. Special attention must be paid to the cushioning phase.



If the drive is subjected to more than two of the indicated forces and torques simultaneously, the following equation must be satisfied in addition to the indicated maximum loads:

$$\frac{|F_y|}{F_{y_{\max}}} + \frac{|F_z|}{F_{z_{\max}}} + \frac{|M_x|}{M_{x_{\max}}} + \frac{|M_y|}{M_{y_{\max}}} + \frac{|M_z|}{M_{z_{\max}}} \leq 1$$

Position of the guide centre



+ plus stroke length

Permissible forces and torques						Geometric characteristics	
Size	Stroke	Fy _{max} [N]	Fz _{max} [N]	Mx _{max} , My _{max} [Nm]	Mz _{max} [Nm]	H13 [mm]	L21 [mm]
10							
	50	390	390	3.1	1.4	13	33.5
	80	410	410	4.3	1.5		41
16							
	50	510	510	4.6	2.8	16	35
	80	520	520	6.0	2.8		41.5
	100	600	600	9.1	3.2		51.5
	150	660	960	12.6	3.5		66.5

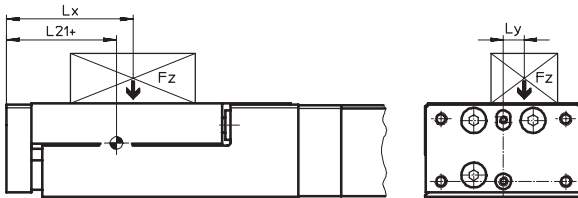
Mini slides SLTE, electric

Technical data

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Calculation example

Given:



Mini slide = SLTE-10
Stroke length = 80 mm
Lever arm L_x = 50 mm
Lever arm L_y = 30 mm
Weight F_z = 0.8 kg
Acceleration a = 0 m/s²

To be found:

F_y , F_z , M_x , M_y , M_z
and
verification of function with combined load

Solution:

$L_{21} = 41$ mm from table

$F_y = 0$ N

$F_z = m \times g$
 $= 0.8 \text{ kg} \times 9.81 \text{ m/s}^2 = 7.848 \text{ N}$

$M_x = m \times g \times L_y$
 $= 0.8 \text{ kg} \times 9.81 \text{ m/s}^2 \times 30 \text{ mm} = 0.236 \text{ Nm}$

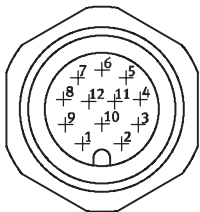
$M_y = m \times g \times [(L_{21} + \text{stroke}) - L_x]$
 $= 0.8 \text{ kg} \times 9.81 \text{ m/s}^2 [(41 \text{ mm} + 80 \text{ mm}) - 50 \text{ mm}] = 0.557 \text{ Nm}$

$M_z = 0$ Nm

Combined load:

$$\frac{|F_y|}{F_{y_{\max}}} + \frac{|F_z|}{F_{z_{\max}}} + \frac{|M_x|}{M_{x_{\max}}} + \frac{|M_y|}{M_{y_{\max}}} + \frac{|M_z|}{M_{z_{\max}}} \\ = 0 + \frac{7,848 \text{ N}}{410 \text{ N}} + \frac{0,2366 \text{ Nm}}{4,3 \text{ Nm}} + \frac{0,557 \text{ Nm}}{1,5 \text{ Nm}} + 0 = 0,445 \leq 1$$

Pin allocation of connection plug



Plug M12		
Pin	Connection	Function
1	Motor +	Motor conductor
2	Motor -	Motor conductor
3	A	Encoder signal RS 485
4	A/	Encoder signal RS 485
5	B	Encoder signal RS 485
6	B/	Encoder signal RS 485
7	I	Encoder signal RS 485
8	I/	Encoder signal RS 485
9	+5 V DC	Signal supply
10	0 V	Signal ground
11	-	-
12	-	-

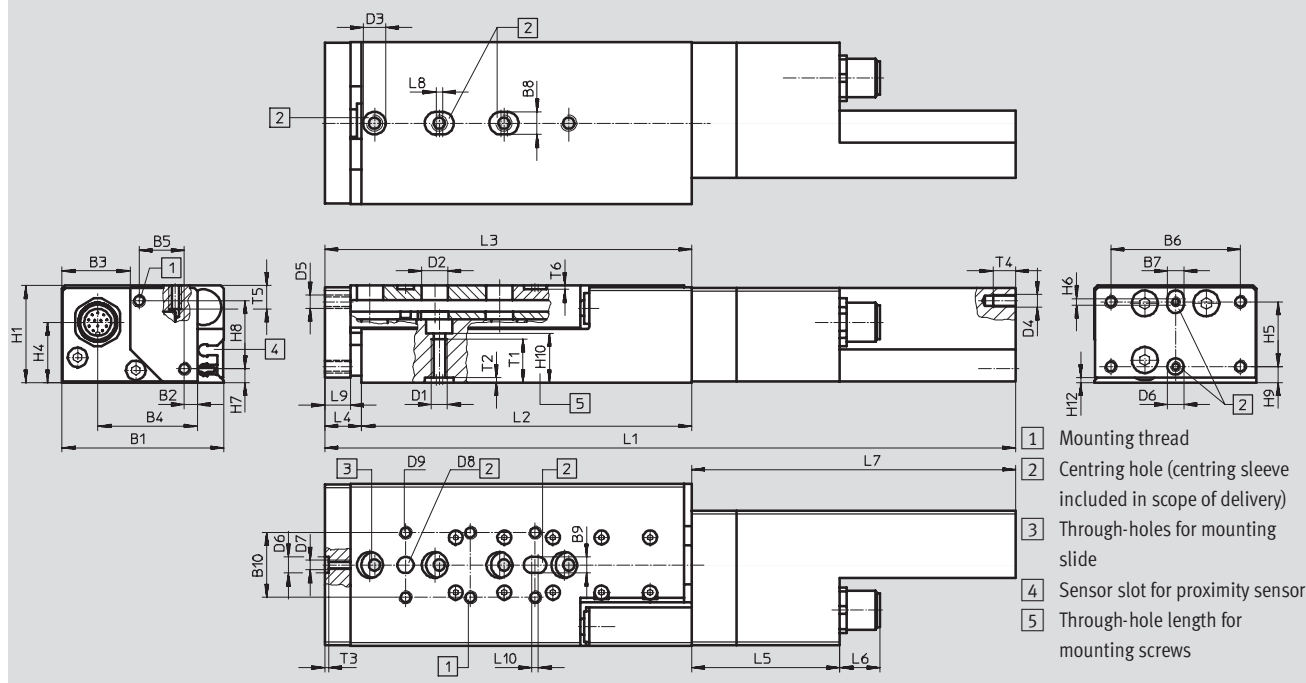
Mini slides SLTE, electric

Technical data

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Dimensions

Download CAD data → www.festo.com/en/engineering



Size	B1	B2	B3	B4	B5	B6	B7	B8	B9	B10	D1	D2	D3	D4
		±0.3	±0.3				H7	H7	H7			Ø	Ø	
10	50	30.8	20.8	4	14	40	5	5	5	20	M5	8	7	M4
16	66	45.7	24.3	4.2	25	55	7	9	5	20	M6	10	9	M4

Size	D5	D6	D7	D8	D9	H1	H4	H5	H6	H7	H8	H9	H10	H12
		Ø		Ø										
10	M4	5	M3	5	M4	30	18.4	20	2	4	21	5	15	1.5
16	M5	7	M4	5	M5	40	25.8	20	2	4.5	30	13	20	1.5

Size	Stroke	L1		L2		L3		L4	
		±1.5				±1		±1	
	[mm]	1)	2)			1)	2)	1)	2)
10	50	212	213	102		112	113	10	11.1
	80	262	263	152		162	163	9.6	10.7
16	50	262.5	263.5	100		112.5	113.5	12.5	13.5
	80	307.5	308.5	146		158	159	11.7	12.7
	100	349	350	187		199.5	200.5	12.2	13.2
	150	430.5	431.5	270		281	282	11	12

Size	L5	L6	L7	L8	L9	L10	T1	T2	T3	T4	T5	T6
	±0.5											
10	45.8	12.5	100	2	8	2	12	1.5	1.2	7	8	1.2
16	56.3	12.5	149.7	2	10	1	16	2.1	1.5	7	7	1.2

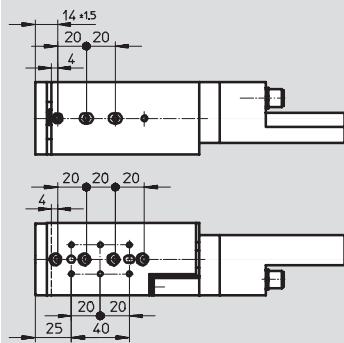
- 1) End position at fixed stop
2) End position at rubber buffer

Mini slides SLTE, electric

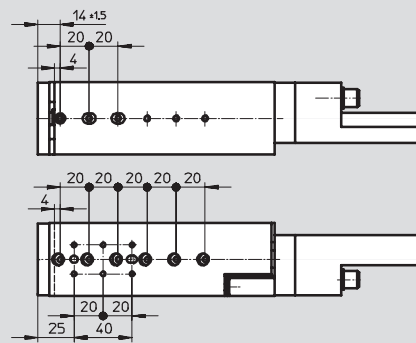
Technical data

Hole pattern for mounting thread and centring holes

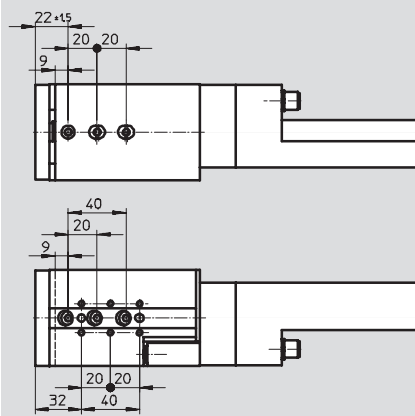
SLTE-10-50



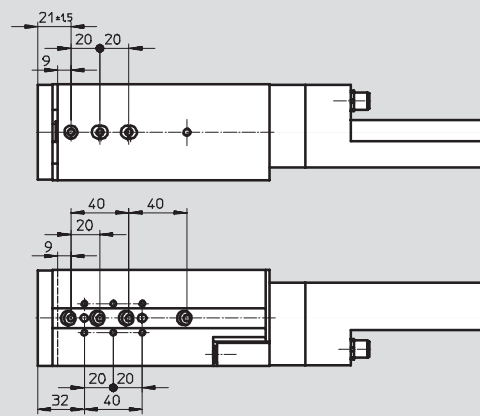
SLTE-10-80



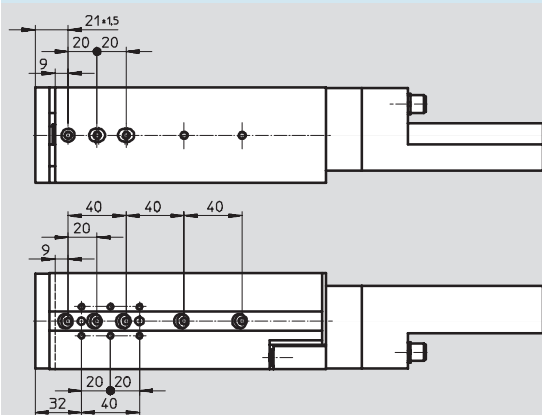
SLTE-16-50



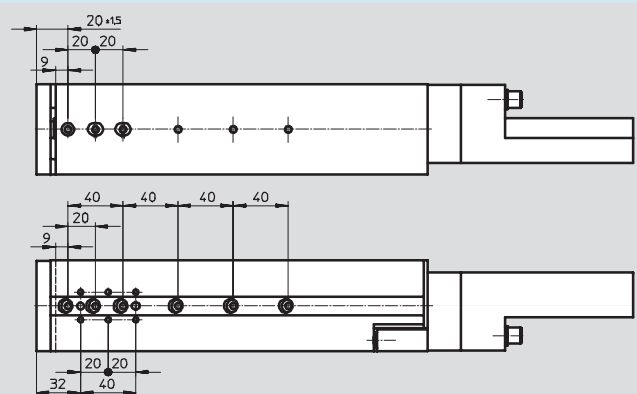
SLTE-16-80



SLTE-16-100



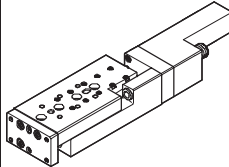
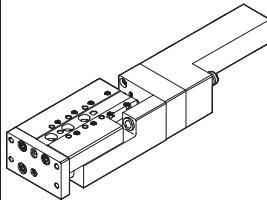
SLTE-16-150



Mini slides SLTE, electric

Technical data

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Ordering data			
Size	Brief description	Part No.	Type
10			
	Mini slide	537 447	SLTE-10-50-LS-G04
		537 449	SLTE-10-80-LS-G04
16			
	Mini slide	537 459	SLTE-16-50-LS-G04
		537 461	SLTE-16-80-LS-G04
		537 463	SLTE-16-100-LS-G04
		537 465	SLTE-16-150-LS-G04

Mini slides SLTE, electric

Accessories

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Ordering data – Centring sleeves ¹⁾					Technical data → 1 / 10.1-18	
Size		10		16		
		Part No.	Type	Part No.	Type	
	Housing	186 717	ZBH-7	150 927	ZBH-9	
	Slide	189 652	ZBH-5	189 652	ZBH-5	
	Yoke	189 652	ZBH-5	186 717	ZBH-7	

1) Scope of delivery: 10 per pack

Ordering data – Proximity sensors for rounded slot, magneto-resistive								Technical data➔ 1 / 10.2-52	
	Assembly	Switch output	Electrical connection		Cable length [m]	Connection direction	Part No.	Type	
			Cable	Plug M8					
N/O contact									
	Insertable from above	PNP	3-wire	–	2.5	In-line	525 915	SMT-10F-PS-24V-K2,5L-OE	
			–	3-pin	0.3	In-line	525 916	SMT-10F-PS-24V-K0,3L-M8D	
						Lateral	526 675	SMT-10F-PS-24V-K0,3Q-M8D	
	Insertable from end	PNP	–	3-pin	0.3	In-line	173 220	SMT-10-PS-SL-LED-24	
			3-wire	–	2.5		173 218	SMT-10-PS-KL-LED-24	

Ordering data – Proximity sensors for rounded slot, magnetic reed							Technical data ➔ 1 / 10.2-55	
	Assembly	Electrical connection		Cable length [m]	Connection direction	Part No.	Type	
		Cable	Plug M8					
N/O contact								
	Insertable from above	–	3-pin	0.3	In-line	525 914	SME-10F-DS-24V-K0,3L-M8D	
		3-wire	–	2.5	In-line	525 913	SME-10F-DS-24V-K2,5L-OE	
		2-wire				526 672	SME-10F-ZS-24V-K2,5L-OE	
	Insertable from end	–	3-pin	0.3	In-line	173 212	SME-10-SL-LED-24	
		3-wire	–	2.5		173 210	SME-10-KL-LED-24	

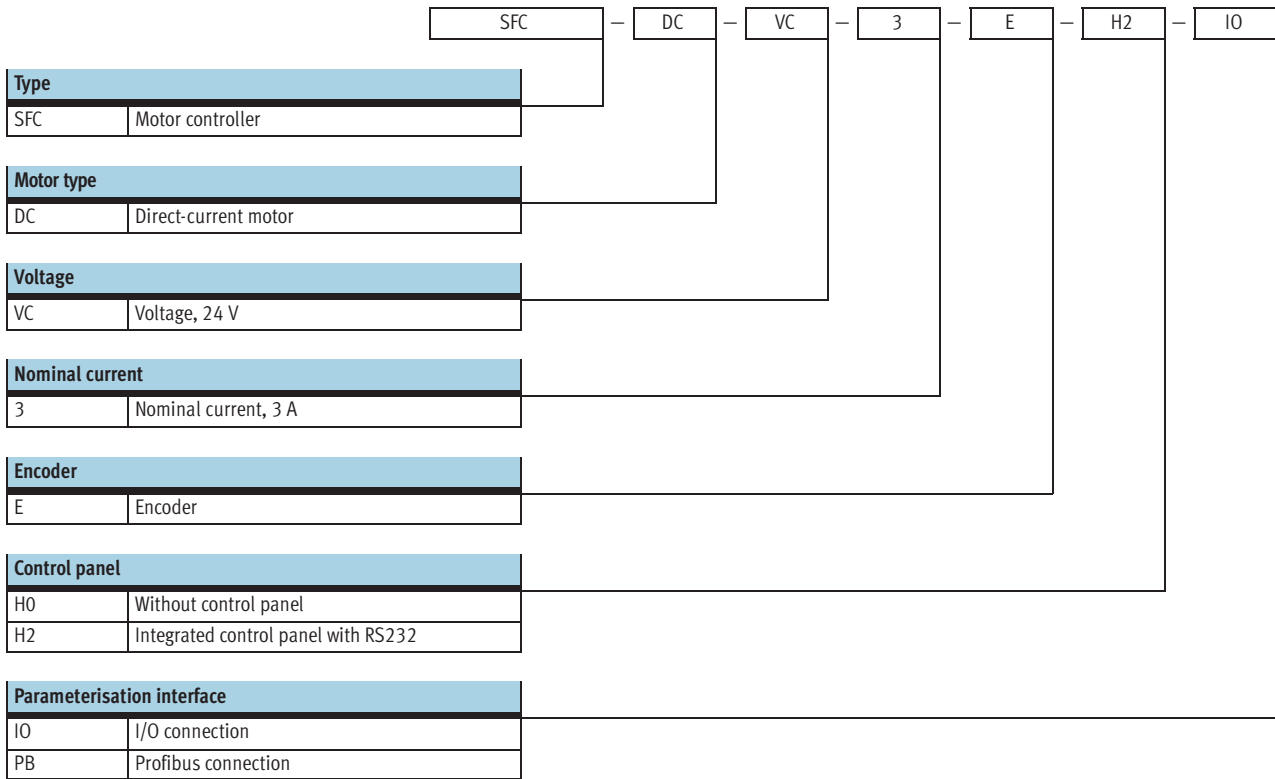
Ordering data – Plug sockets with cable							Technical data ➔ 1 / 10.2-109	
	Assembly	Switch output		Connection	Cable length [m]	Part No.	Type	
		PNP	NPN					
Straight socket								
	Union nut M8	■	■	3-pin	2,5	159 420	SIM-M8-3GD-2,5-PU	
					5	159 421	SIM-M8-3GD-5-PU	
Angled socket								
	Union nut M8	■	■	3-pin	2,5	159 422	SIM-M8-3WD-2,5-PU	
					5	159 423	SIM-M8-3WD-5-PU	

 Core Range

Motor controllers SFC-DC

Type codes

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Motor controllers SFC-DC

Technical data



General technical data				
Type	SFC-...-H0-IO	SFC-...-H2-IO	SFC-...-H0-PB	SFC-...-H2-PB
Operating mode	Cascade controller with – P current regulator – PI speed controller – P position controller			
Position sensor	Encoder			
Encoder input	RS485/RS422, A/B signal with index pulse			
Display	–	Four-key interface with full-text display via graphic LCD display (128 x 64 pixels)	–	Four-key interface with full-text display via graphic LCD display (128 x 64 pixels)
Control elements	–	4 keys	–	4 keys
Process interfacing	I/O interface for 31 traversing records and homing			
Number of digital logic inputs	8			
Number of digital logic outputs	4			
Fieldbus coupling	Profibus DP			
Bus terminating resistor, external [Ω]	120			
Communication profile	FHPP			
	Step7 functional modules			
Max. fieldbus baud rate [Mbit/s]	12			
Type of mounting	H-rail, wall or surface bracket			
Product weight [g]	600			

Electrical data		
General		
Rated output	[W]	75
Parameterisation interface		RS232; 9600 baud
Load supply		
Nominal voltage	[V DC]	24 ±10%
Nominal current	[A]	3
Peak current	[A]	5
Logic supply		
Nominal voltage	[V DC]	24 ±10%
Nominal current	[A]	0.1
Peak current	[A]	0.8
Max. current per output (digital logic outputs)	[A]	0.5

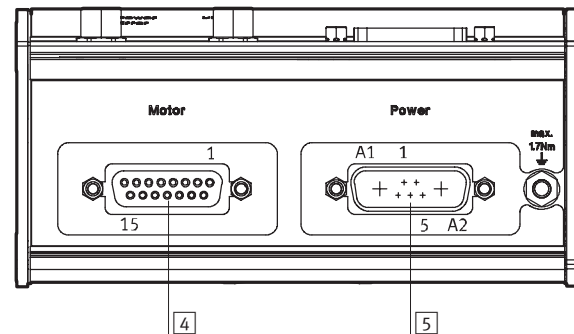
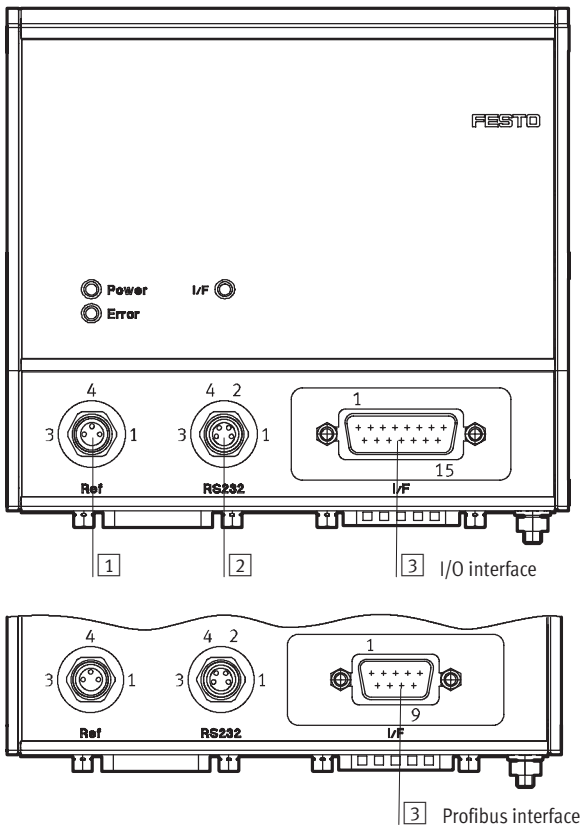
Motor controllers SFC-DC

Technical data

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Operating and environmental conditions				
Type	SFC-...-H0-IO	SFC-...-H2-IO	SFC-...-H0-PB	SFC-...-H2-PB
Digital logic outputs	Electrically isolated		–	
Logic inputs	Electrically isolated		–	
Specification, logic input	IEC 61131		–	
Protection class	IP54			
Vibration and shock resistance	To FN 942017-4 and -5, severity level 1			
Protective function	– I ² t monitoring – Current monitoring – Voltage failure detection		– Drag fault monitoring – Software end-position detection	
CE symbol (declaration of conformity)	In accordance with EU EMC directive			
Ambient temperature	[°C]	0 ... +40		
Relative air humidity	[%]	0 ... 95 (non-condensing)		

Pin allocation



1 Reference switch, 3-pin M8 socket	
Pin	Function
1	24 V
4	Reference input
3	0 V
–	

2 RS 232 interface, 4-pin M8 socket	
Pin	Function
1	0 V
2	Transmitted Data (TxD)
3	Received Data (RxD)
4	–

Motor controllers SFC-DC

Technical data

3 I/O interface, 15-pin Sub-D plug	
Pin	Function
1	24 V (supply for output)
2	Traversing record coding, bit 1
3	Traversing record coding, bit 2
4	Traversing record coding, bit 3
5	Traversing record coding, bit 4
6	Traversing record coding, bit 5
7	Stop bit
8	0 V
9	Enable bit
10	Start bit
11	MC
12	Ready
13	Acknowledge
14	Error
15	0 V

3 Profibus interface, 9-pin Sub-D plug	
Pin	Function
1	PE
2	–
3	RxD/TxD-P
4	CNTR-P
5	DGND
6	UP
7	–
8	RxD/TxD-N
9	–

4 Motor interface, 15-pin Sub-D plug	
Pin	Function
1	VCC logic
2	Encoder channel A
3	Encoder channel A/
4	Encoder channel B
5	Encoder channel B/
6	Encoder channel C
7	Encoder channel C/
8	Logic 0 V
9	0 V
10	0 V
11	0 V
12	Motor+
13	Motor–
14	0 V
15	0 V

5 Power supply, 2-pin plug	
Pin	Function
A1	24 V (load)
A2	0 V (load)
1	24 V (logic)
2	0 V (logic)
3	–
4	PE
5	–

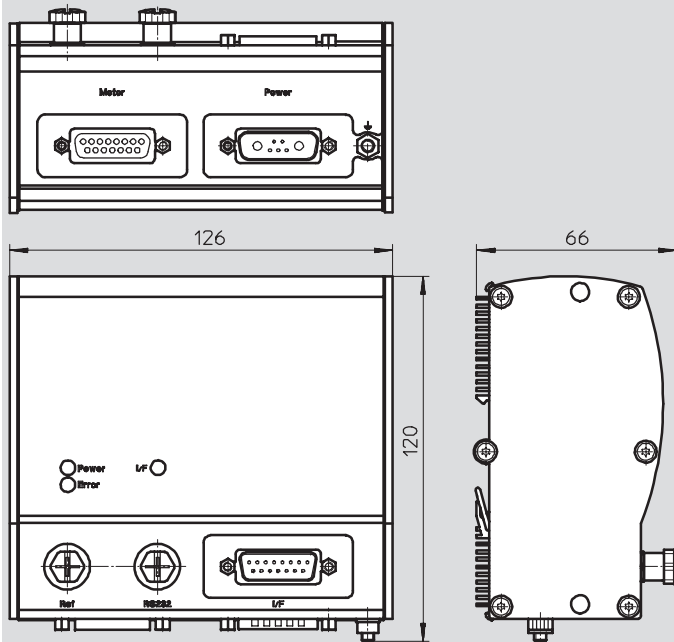
Motor controllers SFC-DC

Technical data

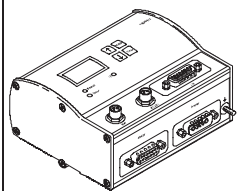
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Dimensions

Download CAD data → www.festo.com/en/engineering



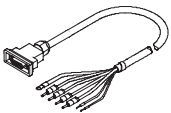
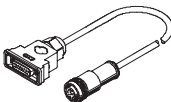
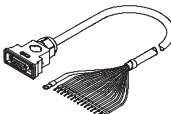
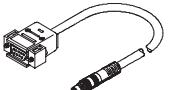
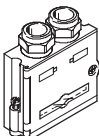
Ordering data

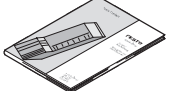
	Brief description	Part No.	Type
	Motor controller with I/O connection		
	Without control panel	538 912	SFC-DC-VC-3-E-H0-IO
	With control panel	538 913	SFC-DC-VC-3-E-H2-IO
	Motor controller with Profibus connection		
	Without control panel	540 366	SFC-DC-VC-3-E-H0-PB
	With control panel	540 367	SFC-DC-VC-3-E-H2-PB

Motor controllers SFC-DC

Accessories

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Ordering data				
	Brief description	Cable length [m]	Part No.	Type
Cables				
	Supply cable, for connecting load and logic supply	2.5	538 914	KPWR-MC-1-SUB-15HC-2,5
		5	538 915	KPWR-MC-1-SUB-15HC-5
		10	538 916	KPWR-MC-1-SUB-15HC-10
	Motor cable, for connecting motor and controller	2.5	538 917	KMTR-DC-SUB-15-M12-2,5
		5	538 918	KMTR-DC-SUB-15-M12-5
		10	539 316	KMTR-DC-SUB-15-M12-10
	Control cable, for I/O connection to any controller	2.5	538 919	KES-MC-1-SUB-15-2,5
		5	538 920	KES-MC-1-SUB-15-5
		10	538 921	KES-MC-1-SUB-15-10
	Programming cable, for parameterisation and commissioning via RS232 interface using FCT software	2.5	537 926	KDI-MC-M8-SUB-9-2,5
Plugs				
	Profibus plug, with 9-pin Sub-D connection, position of DIL switch can be read externally		532 216	FBS-SUB-9-GS-DP-B
	Bus connection plug, adapter for Profibus interface. 9-pin Sub-D plug to 5-pin round plug/socket M12		533 118	FBA-2-M12-5POL-RK
Central support				
	For mounting controller		160 909	MUP-8/12

Ordering data – Documentation and software				
	Brief description	Language	Part No.	Type
	Description for I/O connection User documentation in paper form is not included in the scope of delivery.	DE	540 417	PBE-SFC-DC-IO-DE
		EN	540 418	PBE-SFC-DC-IO-EN
		ES	540 419	PBE-SFC-DC-IO-ES
		FR	540 420	PBE-SFC-DC-IO-FR
		IT	540 421	PBE-SFC-DC-IO-IT
		SV	540 422	PBE-SFC-DC-IO-SV
	Description for Profibus connection User documentation in paper form is not included in the scope of delivery.	DE	540 411	PBE-SFC-DC-PB-DE
		EN	540 412	PBE-SFC-DC-PB-EN
		ES	540 413	PBE-SFC-DC-PB-ES
		FR	540 414	PBE-SFC-DC-PB-FR
		IT	540 415	PBE-SFC-DC-PB-IT
		SV	540 416	PBE-SFC-DC-PB-SV
	Documentation package User documentation on CD-ROM, in the languages DE, EN, ES, FR, IT, SV, is included in the scope of delivery.		542 003	PBE-SFC-DC-UDOK
	Configuration package The configuration package FCT (Festo configuration tool) on CD-ROM is included in the scope of delivery.		539 622	P.SW-FCT

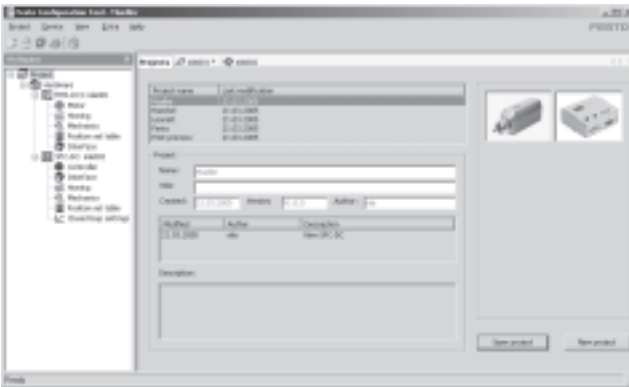
Motor controllers SFC-DC

Technical data

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FCT software – Festo configuration tool

Software platform for electrical drives from Festo



- All the drives in a system can be managed and archived in a common project
- Project and data management for all supported device types
- Simple to use thanks to graphically supported parameter entry
- Universal mode of operation for all drives
- Working offline at your desk or online at the machine

Mechanical reference positions and limit positions



- Reference positions can be either edited or taught in
- Flexible adaptation to installation conditions
- Settings are displayed clearly

Traversing record table



- 31 traversing records ensure positioning flexibility
- Absolute or relative positioning values can be used
- The following parameters can be set flexibly for each application:
 - Position
 - Speed
 - Acceleration
 - Braking ramps
- Complete function test

Motor controllers SFC-DC

Technical data

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FHPP – Festo handling and positioning profile

Optimised data profile

Festo has developed an optimised data profile, the “Festo handling and positioning profile (FHPP)”, that is tailored to the target applications for handling and positioning tasks.

The FHPP data profile permits the activation of Festo motor controllers, using a fieldbus interface, via standardised control and status bytes.

The following are defined, among others:

- Operating modes
- I/O data structure
- Parameter objects
- Sequence control

