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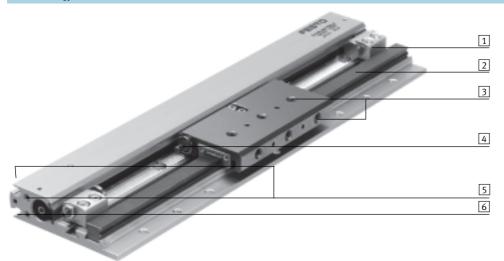
f, flat design

General information

- Piston Ø 8, 12 and 18
- Stroke lengths of 100 ... 900 mm
- Two cushioning types selectable:
 - Elastic cushioning
 - Shock absorbers
- Direct mounting via centering holes
- Extremely flat design
- Built-in precision guide
- Slide with polished surface
- High load capacity
- · Adjustable end stops
- Versatile supply port options
- Suitable for multiple-axis applications with other mini slides

The technology in detail



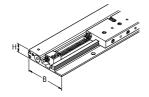


- 1 End stop
 Finely-adjustable end stops over
 entire stroke range
- 2 Guide rail
 Highly accurate, rigid precision
 guide unit: stainless steel roller
 track pressed into aluminum
- profile with ball bearing guide
 3 Slide
 - Interface for attachments. Highly adaptable, thanks to wide choice of mounting and attachment options
- 4 Cushioning
 With rubber buffers or with shock absorbers. The cushioning elements are inserted into the slide and fixed.
- 5 Supply port
 Possible on three sides
- 6 Slot for integrateable proximity sensors SME-/SMT-10

Design

The flat linear drive SLG

The height H remains the same even if the intermediate position module is used.



$\operatorname{Piston}\varnothing$	Width (B)	x Height (H)
8 mm	53.5	x 15 mm
12 mm	64.5	x 18.5 mm
18 mm	85.5	x 25.5 mm

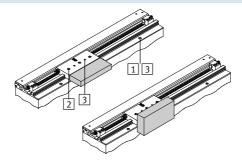
Mounting and assembly options

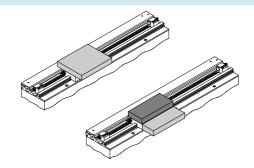
Drive

- 1 Through-holes
- 3 Locating hole for centering pin ZBS

Slide

- 2 Threaded holes
- 3 Locating hole for centering pin ZBS





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→ 16

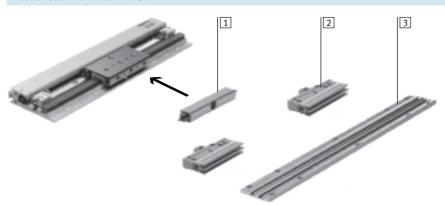
Features

Intermediate positions - simple and inexpensive

- The intermediate position module can be used for advancing to one or more intermediate positions
- It is mounted parallel to the linear drive SLG via an additional mounting rail. This means that it can also be easily retrofitted.
- Fine adjustment of the intermediate position is effected via a stop screw with lock nut
- With two modules the same position can be approached from either direction
- The intermediate positions can be freely selected across the entire stroke range (observe minimum distances)
- The module's symmetry means that it can advance to its right or left once mounted
- It can be activated and sensed before the movement starts
- Integratable proximity switches in the module housing mean that the intermediate position (activated or initial position) can be sensed contactlessly
- Up to 4 modules can be ordered via the SLG modular product system

 The slide must be retracted once the intermediate position is reached. The stop on the module can then swivel back into its initial position

In combination with linear drive SLG



Shock absorber retainer
 SLG-D

The retainer accepts rubber buffers or shock absorbers and is attached to the slide of the SLG. The use of shock absorber YSRG (Accessories

→ 25) is recommended to ensure accurate positioning of stops and in the case of vertical assembly positions.

2 Intermediate position module SLG-Z

The stop with cushioning screw is retracted and extended by means of a 90° swivel motion based on a double-acting rotary drive (rack and pinion principle). The module is fastened to the mounting rail using screws and slot nuts.

3 Mounting rail SLG-S

The rail is used for mounting the intermediate position modules. It can also accept the end stops of the linear drive SLG. The gear teeth on the rail and module permit rough preadjustment with respect to the drive part of the SLG.

- 🛔 -

Note

The intermediate position module can also be used independently of the linear drive SLG. It is simply mounted on any even surface using mounting screws and locating pins and can then be used universally as an autonomous intermediate position module in numerous applications.



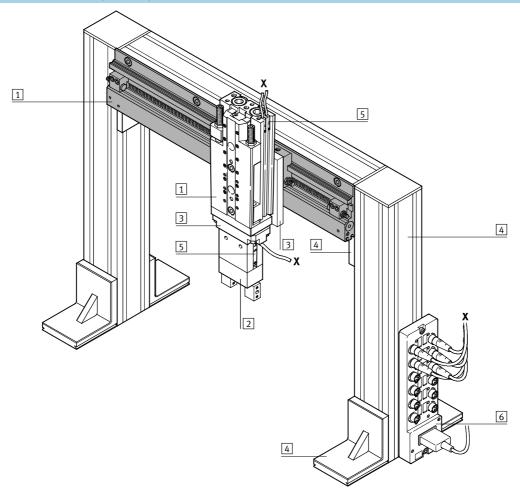


Completely assembled with two intermediate positions



- 1 Linear drive SLG
- 2 Intermediate position module
- 3 Shock absorber retainer
- 4 Mounting rail
- 5 End stop

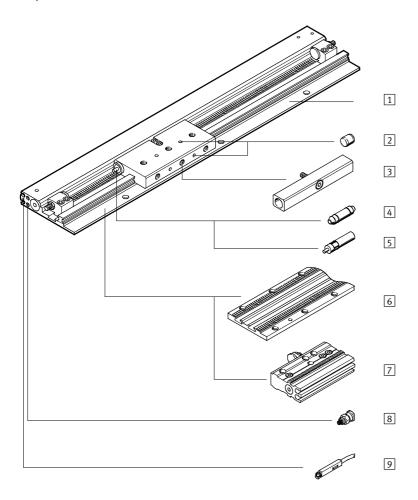
System product for handling and assembly technology



Syste	System elements and accessories					
	Туре	Brief description	→ Page/Internet			
1	Drives	Diverse possible combinations in handling and assembly technology	drive			
2	Grippers	Diverse variation options in handling and assembly technology	gripper			
3	Adapters	For drive-drive and drive-gripper connections	adapter kit			
4	Basic components	Profiles and profile connections	basic component			
5	Proximity sensors	For position sensing	proximity sensor			
6	Multi-pin plug distributor	For bundling individual cables to form a multi-pin cable	multi-pin plug distributor			

Linear drives SLG, flat design Peripherals overview

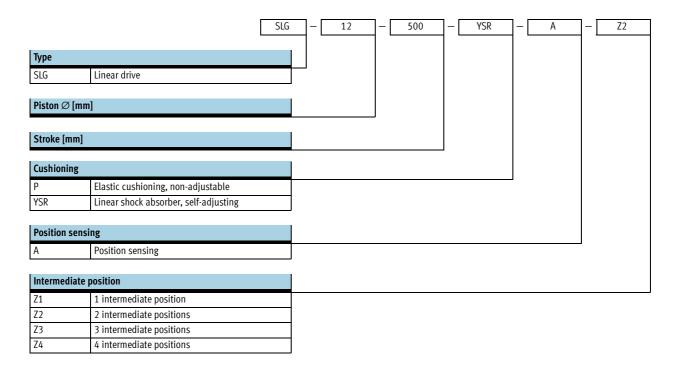




Variants and accessories				
	Туре	Brief description	→ Page/Internet	
1	Linear drive	Drive without accessories	7	
	SLG			
2	Centering pin	For centering loads and attachments on the slide	25	
	ZBS			
3	Shock absorber retainer	For fastening the rubber buffers or shock absorbers in combination	23	
	SLG-D	with the intermediate position		
4	Rubber buffer	Non-adjustable, elastic cushioning. Used only at low speeds	25	
	SLG			
5	Shock absorber	Self-adjusting hydraulic shock absorber with return spring and linear cushioning	25	
	YSRG	characteristic		
6	Mounting rail	For fastening the intermediate position modules and end stops	24	
	SLG-S			
7	Intermediate position module	Fixed stop for the intermediate position	23	
	SLG-Z			
8	One-way flow control valve	The small distance between the supply ports means that only certain one-way flow	26	
	GRLA	control valves can be used		
9	Proximity sensors	The proximity switches are fitted in the profile slot. The switches therefore do not project	26	
	SME-/SMT-10			

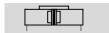
Linear drives SLG, flat design Type codes





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Function





- \mathbf{D} - Diameter 8 ... 18 mm



Stroke length 100 ... 900 mm



General technical data			
Piston Ø	8	12	18
Stroke ¹⁾ [mm]	100 500	100 700	100 900
Pneumatic connection	M3		M5
Mode of operation	Double-acting		
Operating medium	Compressed air in accordance with ISO 8	3573-1:2010 [7:-:-]	
Note on operating/pilot medium	Operation with lubricated medium possible (in which case lubricated operation will always be required)		
Constructional design	Rodless drive		
Cushioning	Flexible cushioning rings/plates at both ends		
→ 10	Self-adjusting at both ends		
Position sensing	For proximity sensing		
Type of mounting	Direct mounting		
Mounting position	Any		
Driver principle	Slotted cylinder, mechanically coupled		
Guide	Guide rail with slide		
Max. speed [m/s]	1		1.5

¹⁾ Intermediate strokes are infinitely adjustable with stops.

Operating and environmental conditions				
$Piston\varnothing$		8	12	18
Operating pressure	[bar]	2.5 8	2 8	1 8
Ambient temperature ¹⁾	[°C]	-10 +60		

¹⁾ Note operating range of proximity switches.

Forces [N]				
Piston ∅	8	12	18	
Theoretical force at 6 bar	30	68	153	

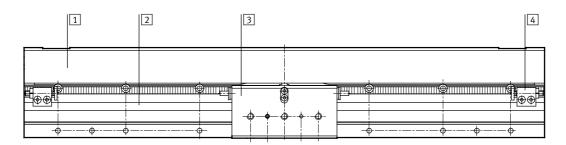


Weights [g]				
Piston \varnothing	8	12	18	
Basic weight per 0 mm stroke with P cushioning	215	410	965	
Basic weight per 0 mm stroke with YSR cushioning	225	420	995	
Additional weight per 10mm stroke	11.5	17.5	29.5	
Moving load with P cushioning	80	160	440	
Moving load with YSR cushioning	90	170	470	

Materials

8

Sectional view

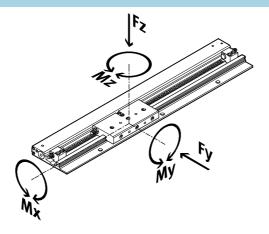


Line	Linear drives			
1	Profile barrel	Anodized aluminum		
2	Guide	High-alloy steel		
3	Slide	High-alloy steel		
4	Stop sleeve	Anodized aluminum		
-	Seals	Polyurethane		
	Material note	Free of copper, PTFE and silicone		

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Characteristic load values

The forces and torques specified refer to the centre of the guide rail.



If the drive is subjected to several of the indicated forces and torques simultaneously, the following equations must be satisfied in addition to the indicated maximum loads:

$$\frac{Fy}{Fy_{max.}} + \frac{Fz}{Fz_{max.}} + \frac{Mx}{Mx_{max.}} + \frac{My}{My_{max.}} + \frac{Mz}{Mz_{max.}} \leq 1$$

Permissible forces [N] and torques [Nm]					
Piston \varnothing		8	12	18	
Fy _{max} .	[N]	255	565	930	
Fz _{max} .	[N]	255	565	930	
Mx _{max} .	[Nm]	1	3	7	
My _{max} .	[Nm]	3.5	9	23	
Mz _{max} .	[Nm]	3.5	9	23	

Torsional backlash [°] at the respective torques				
Piston Ø	8	12	18	
at Mx _{max} .	±0.03	±0.04	±0.05	
at My _{max} .	±0.005	±0.007	±0.007	
at Mz _{max} .	±0.005	±0.007	±0.007	

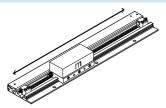




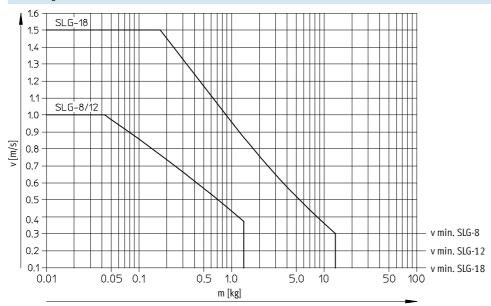
Maximum permissible piston speed v as a function of useful load m when the unit is operated horizontally

As a function of operating pressure and end-position cushioning system

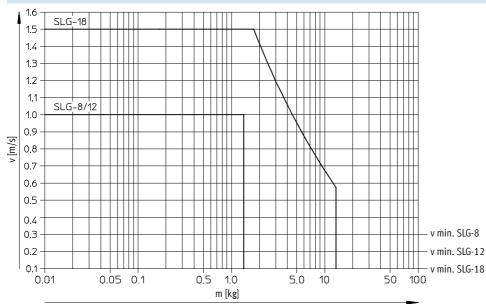
A linear drive SLG with YSR cushioning (YSRG shock absorbers) must be used in applications requiring very high repetition accuracy.



Cushioning P



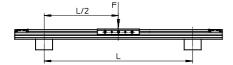
YSR cushioning

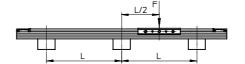


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Technical data

Determination of required points of support as a function of applied load F





f = 0.5 mm

f = 0.1 mm

f = 0.05 mm

f = 0.5 mm

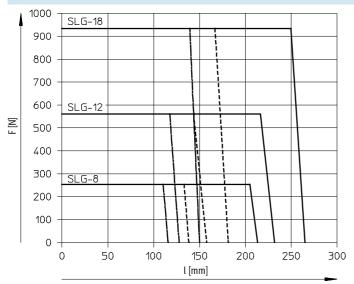
f = 0.1 mm

f = 0.05 mm



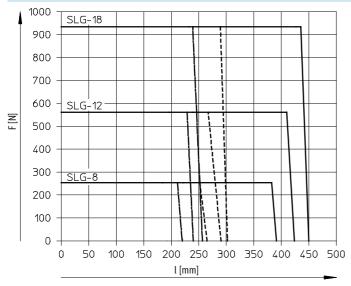
The support spacings L must be laid out in such a way that the mounting profile for the intermediate position module will exhibit less deflection than the drive itself.

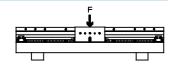
Deflection around the X axis





Deflection around the Y axis





Flatness of the bearing surface

Contact surfaces which support the linear drive SLG should be no farther than 100 mm apart, or over its entire length and should be flat to within at

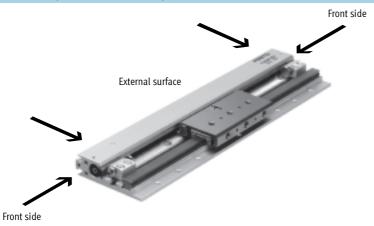
least 0.1 mm. The support surface for the load on the slide should be flat to within at least 0.05 mm.



	Minimum clearances for linear drives SLG to ferrite materials for reliable proximity switch functioning				
		Slot 1 Slot 2	Minimum clearances in mm		
		Slot	Х	у	
l n∰y	SLG-8	1	5	-	
		2	5	-	
	SLG-12	1	6	-	
		2	5	-	
	SLG-18	1	5	-	
<u> ^ </u>		2	5	-	
l v t u □	SLG-8	1	5	-	
		2	10	-	
	SLG-12	1	5	-	
		2	6	-	
	SLG-18	1	5	_	
X		2	5	-	
□ હ#હા □	SLG-8	1	7	-	
		2	10	-	
 	SLG-12	1	10	-	
 ∰		2	10	-	
	SLG-18	1	5	-	
		2	5	-	
T N#U	SLG-8	1	14	-	
×		2	12	-	
	SLG-12	1	16	-	
		2	1	-	
<u> </u>	SLG-18	1	2	-	
		2	2	-	
N#U-1	SLG-8	1	7	-	
		2	17	-	
	SLG-12	1	1	-	
		2	17	-	
	SLG-18	1	1	-	
		2	12	-	
□ ₩4 □	SLG-8	1	11	17	
\ <u>\</u>		2	15	17	
	SLG-12	1	7	16	
		2	10	16	
l Æ∰L	SLG-18	1	5	12	
- - ^ -		2	5	12	

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Permissible spanner widths for the compressed air connectors



In general

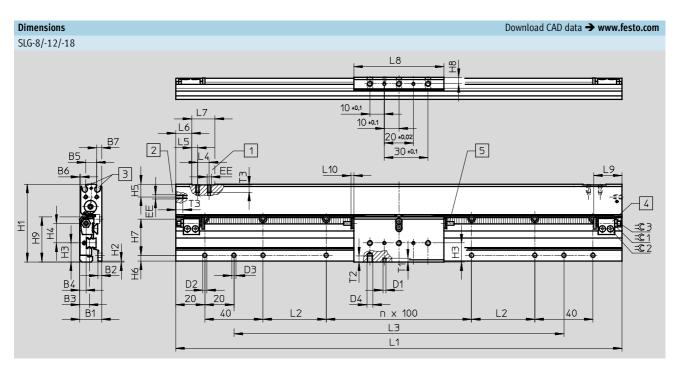
The following spanner widths can be	SLG-8:	=© 5.5 8
used on the external surface and	SLG-12:	=© 5.5 8
front side:	SLG-18:	=© 8 10

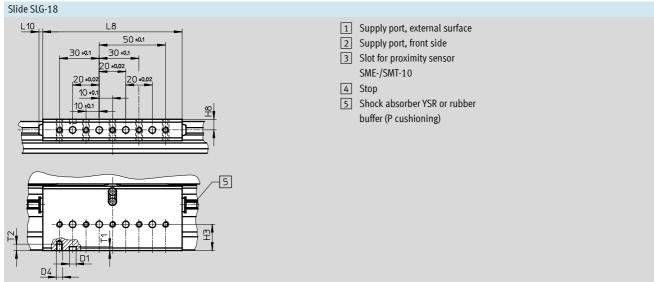
Restrictions on the front sides

The threaded connectors protrude from the top or bottom of the profile with compressed air connections at $% \left(1\right) =\left(1\right) \left(1$ both ends. The connector threads are too close to one another for the $threaded\ fittings\ with\ compressed$ air connections at one end only.

For this reason, the following	SLG-8:	=© 8
spanner widths can only be used in	SLG-12:	=© 8
certain conditions:	SLG-18:	=© 10









	B1	B2	В3	B4	B5	B6	В7	D1 ¹⁾ Ø H7	D2 Ø	D3 ¹⁾ Ø H7	D4	EE	H1	H2	Н3	H4	H5	Н6	H7
SLG-8	15	2.5	6.6	4.4	7.5	0.65	3.5	2	3.4	3	M4	M3	53.5	0.5	13	13.6	8.8	3.9	25
SLG-12	18.5	2.6	7.9	5.2	8.5	0.5	4.75	2	3.4	3	M4	M3	64.5	0.5	15.9	16.5	9.5	4.3	30
SLG-18	25.5	3.5	13.3	8	13.2	1.6	5.4	5	4.5	5	M5	M5	85.5	0.5	19.8	21.7	11.5	4.1	40

	Н8	H9	n	L1	L2	L3	L4	L5	L6	L7	L8	L9	L10	T1	T2	T3	=©1	= ©2	=©3
												min.			min.				
SLG-8-100			0	207		127													
SLG-8-200			1	307		227													
SLG-8-300	4.4	31	2	407	43.5	327	10	5	10	20	62	20	2	2.5	4	4.5	5.5	1.5	1.5
SLG-8-400			3	507		427													
SLG-8-500			4	607		527													
SLG-12-100			0	233		153													
SLG-12-200			1	333		253													
SLG-12-300			2	433		353													
SLG-12-400	5.25	36.7	3	533	56.5	453	10	5	10	20	80	36.5	2	2.5	4	4.5	7	2	2
SLG-12-500			4	633		553													
SLG-12-600			5	733		653													
SLG-12-700			6	833		753													
SLG-18-100			0	271		191													
SLG-18-200			1	371		291													
SLG-18-300			2	471		391													
SLG-18-400			3	571		491													
SLG-18-500	8	48.5	4	671	75.5	591	12	6	13	24	105	29	3	3	5	6	8	2.5	2.5
SLG-18-600			5	771		691													
SLG-18-700			6	871		791													
SLG-18-800			7	971		891													
SLG-18-900			8	1071		991													

¹⁾ Locating hole for ZBS centering pins

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Function







General technical data								
Piston \varnothing		8	12	18				
Pneumatic connection		M3						
Mode of operation		Double-acting						
Operating medium		Compressed air in accordance with ISO 8	3573-1:2010 [7:-:-]					
Note on operating/pilot media	um	Operation with lubricated medium possi	ible (in which case lubricated operation w	ill always be required)				
Constructional design		Stop in the form of a semi-rotary device i	in accordance with the rack and pinion pr	inciple				
Fine adjustment of the	[mm]	1.7						
intermediate position								
Cushioning ¹⁾		→ 10						
Position sensing		For proximity sensor						
Type of mounting		Direct mounting						
Assembly position ²⁾		Any						
Min. swivel time	[ms]	30		50				
at 6 bar								
Max. frequency	[1/s]	16		10				
at 6 bar								
Max. permissible impact	[m/s]	1		1.5				
velocity								
Max. perm. end-stop impact force ³⁾	[N]	320		600				

- 1) The end position of the slide or another drive is not exactly defined when rubber buffers are used. Shock absorbers YSRG·... must be used for high repetition accuracy.
- 2) Shock absorbers YSRG-... must be used for high repetition accuracy as well as in non-horizontal movements.

 With vertical installation (where the stop moves upwards), it must be ensured that no foreign objects enter the swivel range of the stop.
- 3) The max. stop force must act on the centre of the cushioning screw disk. Lateral forces on the cushioning screw are not permissible.

Operating and environmental conditions								
Piston \varnothing		8	12	18				
Operating pressure	[bar]	1 8						
Ambient temperature ¹⁾	[°C]	-10 +60						

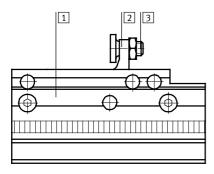
Max. permissible energy in the intermediate position							
Piston Ø 8 12 18							
With P cushioning	[Nm]	0.1		0.6			
With YSR cushioning	[Nm]	1		3			



Weights [g]							
Piston \varnothing	8	12	18				
Basic weight	33.5		75				
Moving load	6		14.5				

Materials

Sectional view



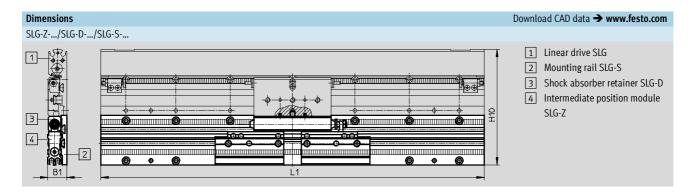
Inter	Intermediate position module						
1	Housing	Hard anodized aluminum					
2	Stop	Nickel plated steel					
3	Cushioning screw	High-alloy steel					
-	Seals	Polyurethane					

Mounting options on linear drive				
Piston \varnothing		8	12	18
Through-holes for direct mounting with screws to DIN 912	Intermediate position module	M2.5		M3
	Shock absorber retainer	M4		M5
	Mounting rail	M3		M4
Centering pins	Intermediate position module	Ø 4H7		Ø 5H7
	Shock absorber retainer	Ø 2H7		Ø 5H7
	Mounting rail	Ø 3H7		Ø 5H7

Note

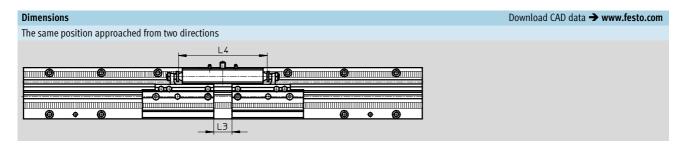
The module's symmetric design makes it suitable for both approach directions.

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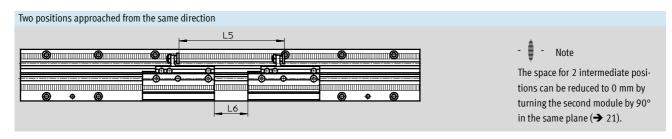
Туре	B1	H10	L1
SLG-8-100			207
SLG-8-200			307
SLG-8-300	15	93.1	407
SLG-8-400			507
SLG-8-500			607
SLG-12-100			233
SLG-12-200			333
SLG-12-300			433
SLG-12-400	18.5	104.1	533
SLG-12-500			633
SLG-12-600			733
SLG-12-700			833
SLG-18-100			271
SLG-18-200			371
SLG-18-300			471
SLG-18-400			571
SLG-18-500	25.5	135.5	671
SLG-18-600			771
SLG-18-700	7		871
SLG-18-800	7		971
SLG-18-900			1071

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Piston \varnothing	L3	1)	L4
	min.	max.	
8 ²⁾	21	27	68
12	39	45	86
18	50	56.5	111

- 1) Depends on the fine adjustment
- Due to the narrowness of the space L3 only the following threaded connectors can be used for the compressed air connections: 30 491 LCN-M3-PK-2-B

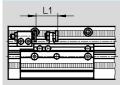


$Piston\varnothing$	L5	L6 ³⁾
	min.	
8	90	32
12	90	
18	97	

- The space between the modules is such that the following threaded connectors can be used for the compressed air connections: 153 330 QSML-M3-3

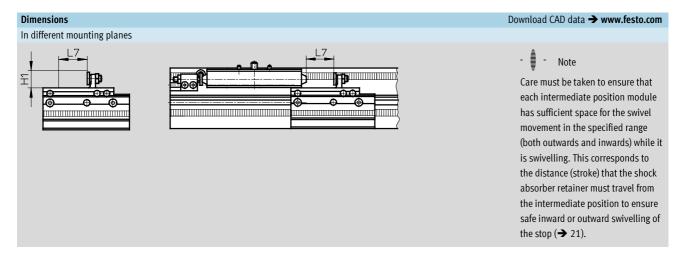
 - 153 332 QSML-M3-4
 - 30 491 LCN-M3-PK-2-B
 - 30 984 LCN-M3-PK-2

Space between end stop and intermediate position module



Piston ∅	L1
	min.
8	20
12	
18	

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Piston \varnothing	H1	L	7
		Cushioning P	YSR cushioning
8	11	18	23
12	11	18	23
18	16	23	31

Maximum number of intermediate position modules on one mounting rail

The number of intermediate position modules that can be ordered via the linear drive SLG modular product system is restricted to max. 4.

If additional intermediate positions are required, further modules can be ordered separately (→ 23) and fitted in another mounting plane.

Piston \varnothing	Stroke length	Stroke length of the mounting rail [mm]										
	100	200	300	400	500	600	700	800	900			
8	2		3	4		-	-	-	-			
12						4		-	-			
18							•	4				

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Linear drive SLG with 2 intermediate positions

- Modules in different mounting planes - End stops mounted on mounting rail

Linear drive SLG with 3 intermediate positions

- Flat arrangement - End stops mounted on mounting

Linear drives SLG, flat design Ordering data – Modular product system

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M Mandatory	data									O Options
Module No.	Drive function	Size		Stroke		Cushioning		Position sensing		Intermediate position
187 857 187 855 187 853	SLG	8 12 18		100 900		P YSR		A		Z1 Z2 Z3 Z4
Ordering example 187 853	SLG	- 18	1 -	800	_	P	_	A	_	Z4

Ordering table		_					
Size		8	12	18	Condi- tions	Code	Enter code
M Module No.		187 857	187 855	187 853			
Drive function		Rodless linear drive	unit			SLG	SLG
Size	[mm]	8	12	18			
Stroke	[mm]	100	100	100	1	-100	
		200	200	200	1	-200	
		300	300	300	2	-300	
		400	400	400		-400	
		500	500	500		-500	
		-	600	600		-600	
		-	700	700		-700	
		-	-	800		-800	
		-	-	900		-900	
Cushioning		Flexible cushioning r	ings in the end positions			-P	
		Shock absorbers in t	he end positions			-YSR	
Position sensing		For proximity sensing	3			-A	-A
Intermediate posit	ion	1 intermediate positi	on			-Z1	
		2 intermediate positi	ons			-Z2	
		3 intermediate positi	ons			-Z3	
		4 intermediate positi	ons			-Z4	

1	100, 200	Max. 2 intermediate positions.
2	300	Max. 3 intermediate positions.

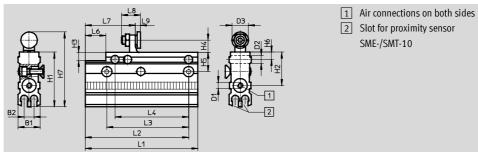
Transfer order	cod	е							
		SLG	-	-	-	-	Α	-	

FESTO

Intermediate position module SLG-Z

Technical data → 16





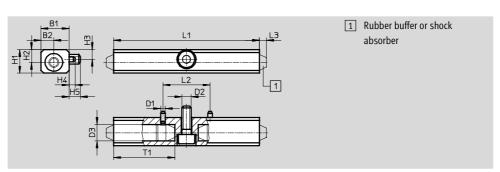
Dimensions an	Dimensions and ordering data														
For Ø	B1	B2	D1	D2 Ø H7	D3 Ø	H1	H2	Н3	H4	H5	H6	H7	L1 +0.3		
8,12	10.8	4.8	M3	4	8	26.6	16.2	4	6	9.5	3.5	36.6	55		
18	15.6	4.8	M3	5	10	29.6	19.2	_	9.6	11.5	4.3	44.2	62		

For \varnothing	L2	L3	L4	L6	L7	L8	LS	L9		Part No.	Туре
	±0.1	±0.1	±0.02				min.	max.	[g]		
8,12	50.5	40	36	10	24.4	9.25	2.5	4.2	39.5	525 680	SLG-Z-8/12-A
18	57.5	50	50	-	21.6	12	3.7	5.4	89.5	525 681	SLG-Z-18-A

Shock absorber retainer SLG-D

Material: Hard anodized aluminum





Dimensions a	Dimensions and ordering data													
For Ø	B1	B2	D1	D2	D3	H1	H2	H3						
			Ø		Ø									
			H7/h8					-0.1						
8	11.5	5	2	M4	7.5+0.05	10	5.4	4.1						
12	11.5	5	2	1114	7.5+0.05	10	5.4	4.1						
18	17	8	5	M5	10+0.02	15	7.5	7.75						

For Ø	H4	H5	L1	L2	L3	T1	Weights	Part No. Type
				±0.02			[g]	
8	2.25	4.0	62	20	2	26	17/27.5 ²⁾	525 703 SLG-D-8 ¹⁾
12	2.25	4.8	80	20	5	26	22.5/33 ²⁾	525 704 SLG-D-12 ¹⁾
18	2	4.7	105	60	3	43	60/104 ²⁾	525 705 SLG-D-18 ¹⁾

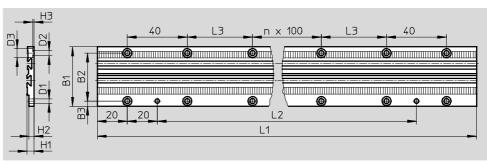
Shock absorber elements are not included in the scope of delivery
 With P cushioning/with YSR cushioning

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Mounting rail SLG-S

Material: Hard anodized aluminum





Dimensions a	nd ordering	g data															
For Ø	Stroke [mm]	B1	B2	В3	D1 Ø H7	D2 Ø	D3 Ø	H1	H2	Н3	n	L1	L2	L3	Weights [g]	Part No.	Туре
8	100				117						0	207	127		73.5	525 682	SLG-S-8-100
0	200										1	307	227		109	525 683	SLG-S-8-200
	300	39.6	32	3.4	3	3.4	6	4.8	3.5	0.9	2	407	327	43.5	144.5	525 684	SLG-S-8-300
	400	39.0	32	3.4	ر	5.4	0	4.0	ر.ر	0.9	3	507	427	4).)	180	525 685	SLG-S-8-400
	500										4	607	527		215.5	525 686	SLG-S-8-500
12	100										0	233	153		110.4	525 687	SLG-S-12-100
12	200										1	333	253		157.8	525 688	SLG-S-12-100
	300										2	433	353	1	205.2	525 689	SLG-S-12-300
	400	39.6	32	3.5	3	3.4	6	7.2	1.9	1.9	3	533	453	56.5	252.6	525 690	SLG-S-12-400
	500	37.0	72			J.,		'		1.,	4	633	553	30.3	300	525 691	SLG-S-12-500
	600										5	733	653		347.4	525 692	SLG-S-12-600
	700										6	833	753		394.8	525 693	SLG-S-12-700
18	100										0	271	191		245.6	525 694	SLG-S-18-100
	200										1	371	291		336.2	525 695	SLG-S-18-200
	300										2	471	391		426.8	525 696	SLG-S-18-300
	400										3	571	491		517.4	525 697	SLG-S-18-400
	500	50	40	4.75	5	4.5	7.5	10.3	9	2.5	4	671	591	75.5	608	525 698	SLG-S-18-500
	600	1									5	771	691		698.6	525 699	SLG-S-18-600
	700	1									6	871	791		789.2	525 700	SLG-S-18-700
	800	1									7	971	891		879.8	525 701	SLG-S-18-800
	900	1									8	1071	991	1	970.4	525 702	SLG-S-18-900

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Rubber buffer SLG



Ordering data							
	Weights [g]	Part No.	Туре				
8,12	1.5	379 802	SLG-8/12				
18	6	381 219	SLG-18				

Shock absorber YSRG

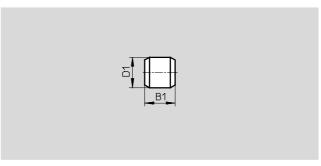


Ordering data							
For \varnothing	Weights	Part No.	Туре				
	[g]						
8, 12	7	381 042	YSRG-5-5-C				
18	27	384 581	YSRG-8-8-C				

Centering pin ZBS

Material: Stainless steel





Dimensions an	Dimensions and ordering data										
For Ø	B1	D1	Weights	Part No.	Туре	PE ¹⁾					
		Ø									
[mm]	-0.2	h8	[g]								
8, 12	5	2	1	525 273	ZBS-2	10					
18	5	5	1	150 928	ZBS-5	10					

¹⁾ Packaging unit quantity



Ordering data	Technical data → Internet: smt								
	Type of mounting	Switch	Electrical connection,	Cable length	Part No.	Туре			
		output	connection direction	[m]					
N/O contact	N/O contact								
	Insertable in the slot from	PNP	Cable, 3-wire, in-line	2.5	551 373	SMT-10M-PS-24V-E-2,5-L-OE			
23	above		Plug M8x1, 3-pin, in-line	0.3	551 375	SMT-10M-PS-24V-E-0,3-L-M8D			
			Plug M8x1, 3-pin, lateral	0.3	551 376	SMT-10M-PS-24V-E-0.3-0-M8D			

Ordering data	– Proximity sensors for C-sl		Technical data → Internet: sme						
	Type of mounting	Switch output	Electrical connection, connection direction	Cable length [m]	Part No.	Туре			
N/O contact	N/O contact								
	Insertable in the slot from	Contacting	Plug M8x1, 3-pin, in-line	0.3	551 367	SME-10M-DS-24V-E-0,3-L-M8D			
23	above		Cable, 3-wire, in-line	2.5	551 365	SME-10M-DS-24V-E-2,5-L-0E			
			Cable, 2-wire, in-line	2.5	551 369	SME-10M-ZS-24V-E-2,5-L-OE			
100	Insertable in the slot	Contacting	Plug M8x1, 3-pin, in-line	0.3	173 212	SME-10-SL-LED-24			
	lengthwise		Cable, 3-wire, in-line	2.5	173 210	SME-10-KL-LED-24			

Ordering dat	a – Connecting cables	Technical data → Internet: nebu			
	Electrical connection, left	Electrical connection, right	Cable length [m]	Part No.	Type
	Straight socket, M8x1, 3-pin	Cable, open end, 3-wire	2.5	541 333	NEBU-M8G3-K-2.5-LE3
1			5	541 334	NEBU-M8G3-K-5-LE3
	Angled socket, M8x1, 3-pin	Cable, open end, 3-wire	2.5	541 338	NEBU-M8W3-K-2.5-LE3
			5	541 341	NEBU-M8W3-K-5-LE3

Orderi	ng data	– One-way flow control valves				Technical data → Internet: grla
		Connection		Material	Part No.	Туре
		Thread	For tubing OD			
		M3	3	Metal design	175 041	GRLA-M3-QS-3
9		M5	4		193 138	GRLA-M5-QS-4-D