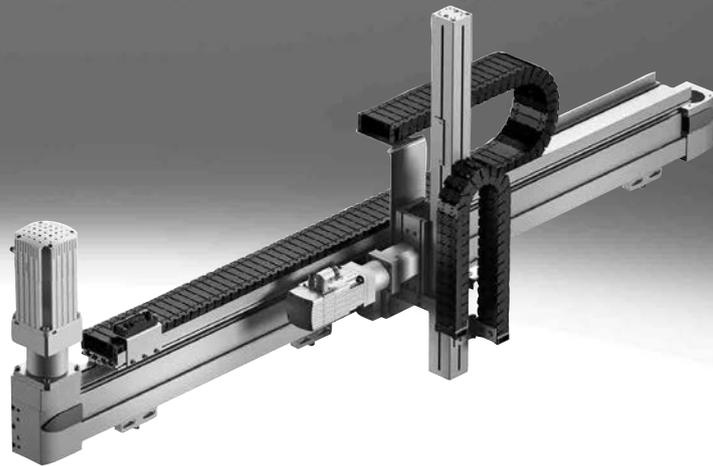


Linear gantries

FESTO



Key features

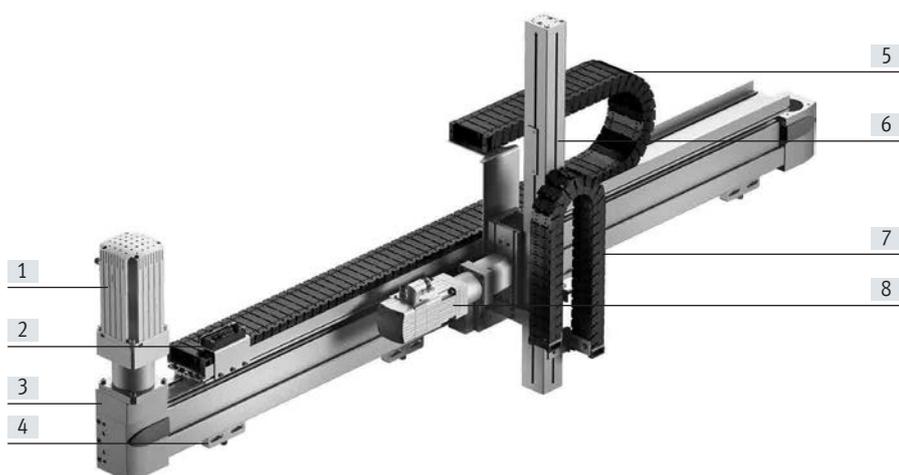
At a glance

A linear gantry (YXCL) is an assembly of several axis modules (EHM.../DHMZ) to produce a movement in 2D space.

The linear gantry facilitates movement in 2D space.

Depending on the requirements, the gantry is either composed of several axis modules (YXCL) or using the linear gantry EXCT (YXML). All of these are tried-and-tested components from Festo.

- Ideal for long gantry strokes and heavy loads
- High mechanical rigidity and sturdy design
- Frequently used in feeding or loading applications
- Use of tried-and-tested drives/axes from Festo



- [1] Servo motor for the Y-module
- [2] Multi-pin plug distributor which collectively transfers all electrical signals such as for end-position sensing
- [3] Y-axis
- [4] Profile mounting/adjusting kit
- [5] Energy chain for the Y-module
- [6] Z-axis
- [7] Energy chain for the Z-module
- [8] Servo motor for the Z-module

Description of the modules

Y-module

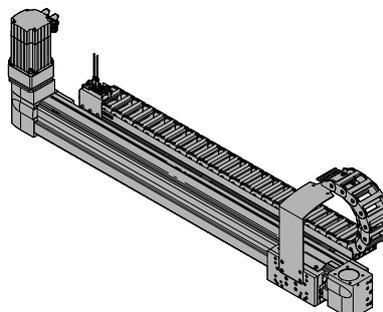
Structure:

The Y-module EHM comprises a linear axis which is powered by a servo motor. Adapters are mounted on the slides of the Y-axis to connect the Z-module.

The following components are located on the motor side:

- Energy chain
- Multi-pin plug distributor for a proximity sensor (if a sensor package has been selected)

Sample image:



Key features

Description of the modules

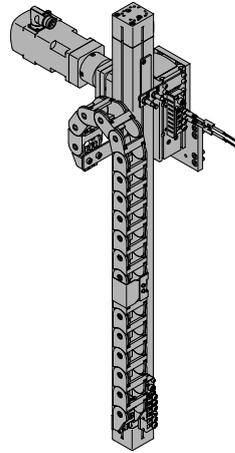
Z-module

Structure:

The Z-module EHMZ comprises an electric drive, the DHMZ comprises a pneumatic drive. In both variants, an energy chain is attached as a cable guide.

The Z-module can be selected using the configurator, depending on the application.

Sample image:



YZ-module (EXCT)

Structure:

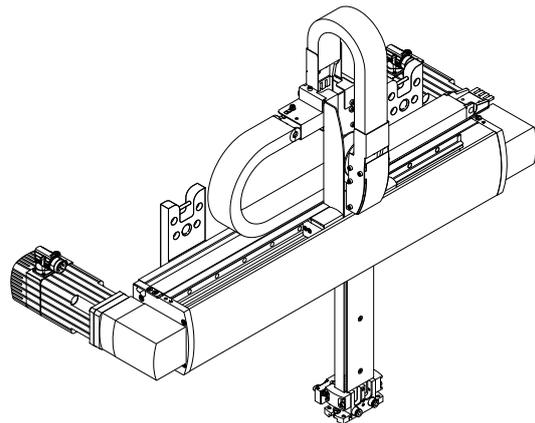
Two fixed servo motors drive a toothed belt arranged in a T-shape.

The toothed belt moves the slide of the Y-axis and the interface located on the Z-axis in a 2-dimensional space.

A controller calculates the position of the interface. The controlled interaction of the motors results in the movement of the interface.

Attachment components enable additional processes to be carried out.

Sample image:



Dispatch options

Fully assembled:

The linear gantry is fully assembled. All cables and tubing are installed and connected.

Partially assembled:

The linear gantry is delivered partially assembled. This means that both axis modules (Y-/Z-axis) are assembled, each with the optional motors. The partially assembled system must be completed by the customer. Help can be found in the assembly instructions provided.

Optional accessories (→ page 9) are enclosed.

Note flatness → table below.

System overview¹⁾

Size	YXCL-1	YXCL-2	YXCL-3	YXCL-4	YXML-1	YXML-2	YXML-3
Max. usable stroke	Y: 1900 mm Z: 50 mm	Y: 3000 mm Z: 800 mm	Y: 3000 mm Z: 800 mm	Y: 3000 mm Z: 800 mm	Y: 1000 mm Z: 200 mm	Y: 1500 mm Z: 500 mm	Y: 2000 mm Z: 800 mm
Max. payload	Dependent on the selected dynamic response						
Mounting position	Horizontal						

1) Drive package depending on configuration selected.

Key features

Configurator: Handling Guide Online (HGO)

Selecting a handling system

Planning complex handling systems takes a lot of time. You can use the configurator "Handling Guide Online" (HGO) to design a customised handling system for your application in just a few steps.

You can choose from the following systems:

- Single-axis system
- 2D linear gantry
- 2D planar surface gantry
- 3-dimensional gantry

Advantages:

- Automatic selection of all relevant components
- Automatic design and calculation of workload
- Quote created automatically
- CAD model available immediately
- Fully automated processing
- Fully assembled or unassembled systems can be ordered through the Online Shop
- Lots of possible options

Selecting the handling solution

Select your handling system

<input type="radio"/> Single-axis system		<p>Single-axis movement: Single-axis module as a complete system. Easy to connect to your own front unit.</p> <p><input type="checkbox"/> Animation</p>
<input checked="" type="radio"/> 2D linear gantry		<p>Movements in 2D in the vertical working space: Linear gantries as complete systems. Electric and pneumatic axes can be combined</p> <p><input type="checkbox"/> Animation</p>
<input type="radio"/> 2D gantry		<p>Movements in 2D in the horizontal working space: Planar surface gantries as complete systems. Combining electric axes. Easy to connect to your own Z unit.</p> <p><input type="checkbox"/> Animation</p>
<input type="radio"/> 3D gantry		<p>Movements in 3D: Three-dimensional gantries as complete systems. Electric and pneumatic axes can be combined</p> <p><input type="checkbox"/> Animation</p>

Data protection

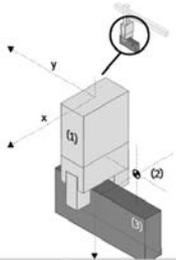
Continue

Entering the application data

- Payload
- Drive system of the axis
- Distance from the centre of the load
- Working stroke
- Reference cycle

Axis definition and payload

Axis definition

Drive system of the axis	Y Electric: several positions	
	Z <input type="checkbox"/> Electric: several positions <input type="checkbox"/> Pneumatic	
Required working stroke	i Y <input type="text" value="200"/> mm	
Working stroke in Z direction	i Z <input type="text" value="50"/> mm	
Take the stroke reserve into account in your specification		
Payload		
Sum of the weight of the front unit and the workpiece	<input type="text" value="1"/> kg	
Distance from the centre of the load	i X <input type="text"/> mm	
	i Y <input type="text"/> mm	
	i Z <input type="text"/> mm	

Data protection

Back Continue

Key features

Configurator: Handling Guide Online (HGO)

Result of calculation

You will be offered a selection of systems calculated based on the application data you entered.

The following are available immediately:

- CAD model
- Data sheet of the selected system
- Price information

Result of calculation

Select the appropriate system and continue with the configuration:

Selection Filter

No.	System series	System workload i	Repetition accuracy (+/-)	Your price
<input checked="" type="checkbox"/>	1 YXML-1	11 %	0.1 mm	
<input type="checkbox"/>	5 YXCL-1	44 %	0.08 mm	
<input type="checkbox"/>	7 YXCL-3	95 %	0.08 mm	
<input type="checkbox"/>	9 YXCL-2	34 %	0.08 mm	
<input type="checkbox"/>	11 YXCL-2	25 %	0.08 mm	

Requires additional motion controller for interpolation (e.g. CPX-E-CEC-M1- ...)

2D linear gantry YXML-1: #1

Drive module	YZ module: Linear gantry EXCT-15
Kinematics type	Parallel kinematics
Stroke	200 mm/100 mm
Repetition accuracy (+/-)	-
Gear unit	Without
Type of motor	Servo motor EMMS-AS
Motor position	Rear/Rear
Motor controller	EMMS-AS-MC
Data protection	

System overview

You will be given an overview of the whole system.

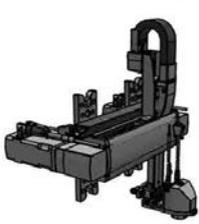
You will also have the following options:

- Request price
- Send request
- Add to basket

Your handling solution

Your selected system overview:

Exemplary representation



Update CAD Preview

Your system ID:
C1372586

Your next step:

Your entries | Your system | Your options

Feature	Value

Data protection

Key features

Standard components within the handling system

The handling system comprises a number of tried-and-tested standard components from Festo. Different components are used depending on the configuration. The single axes installed will be displayed in the configurator HGO on the "Result of calculation" page.

Drives/axes

Y-axis

Toothed belt axis EGC-TB-KF



- Electric
- Rigid, closed profile
- Recirculating ball bearing guide for high loads and torques
- High dynamic response and minimum vibration

Toothed belt axis EGC-HD-TB



- Electrical
- Flat drive unit with rigid, closed profile
- Duo guide rail
- For maximum loads and torques, high feed forces and speeds and long service life

Z-axis

Mini slide DGSL



- Pneumatic
- Flat design
- High load capacity
- High dynamic response
- Easy adjustment of end positions

Mini slide EGSL



- Electrical
- Compact design
- High load capacity
- High dynamic response
- Easy adjustment of end positions

Spindle axis EGC-BS-KF



- Electric
- Rigid, closed profile
- Recirculating ball bearing guide for high loads and torques
- High dynamic response and minimum vibration
- Various spindle pitches

Key features

Possible axis combinations ¹⁾		
Size	Y-module	Z-module
YXCL-1	<ul style="list-style-type: none"> Toothed belt axis EGC-50-TB-KF 	<ul style="list-style-type: none"> Mini slide pneumatic: DGSL-6 electric: EGSL-35
YXCL-2	<ul style="list-style-type: none"> Toothed belt axis EGC-80-TB-KF Toothed belt axis with heavy-duty guide EGC-HD-125-TB 	<ul style="list-style-type: none"> Mini slide pneumatic: DGSL-12/16 electric: EGSL-45/55 Cantilever axis DGEA-18 Spindle axis EGC-70-BS-KF
YXCL-3	<ul style="list-style-type: none"> Toothed belt axis EGC-120-TB-KF Toothed belt axis with heavy-duty guide EGC-HD-160-TB 	<ul style="list-style-type: none"> Mini slide pneumatic: DGSL-20/25 electric: EGSL-75 Cantilever axis DGEA-25/40 Spindle axis EGC-80-BS-KF
YXCL-4	<ul style="list-style-type: none"> Toothed belt axis EGC-185-TB-KF Toothed belt axis with heavy-duty guide EGC-HD-220-TB 	<ul style="list-style-type: none"> Cantilever axis DGEA-40 Spindle axis EGC-120-BS-KF
YXML-1	<ul style="list-style-type: none"> Linear gantry EXCT-15 	<ul style="list-style-type: none"> Linear gantry EXCT-15
YXML-2	<ul style="list-style-type: none"> Linear gantry EXCT-30 	<ul style="list-style-type: none"> Linear gantry EXCT-30
YXML-3	<ul style="list-style-type: none"> Linear gantry EXCT-100 	<ul style="list-style-type: none"> Linear gantry EXCT-100

1) Drive package depending on configuration selected.

Key features

Standard components within the handling system

The handling system comprises a number of tried-and-tested standard components from Festo. Different components are used depending on the configuration. You can alter the scope and design of the drive package in the configurator HGO on the "System configuration" page.

Motors and controllers

Servo motors EMMS-AS



- Dynamic, brushless, permanently excited servo motor
- Digital absolute displacement encoder in single-turn or multi-turn version
- With optional brake

Servo motors EMME-AS



- Dynamic, brushless, permanently excited servo motor
- Digital absolute displacement encoder in single-turn or multi-turn version
- With optional brake

Stepper motors EMMS-ST



- 2-phase hybrid technology
- Step angle 1.8°
- With optional brake

Gear unit EMGA



- Low-backlash planetary gear
- Gear ratio
i = 3 and 5
- Life-time lubrication

Motor controllers CMMP-AS for servo motor



- Complete integration of all components for controller and power section, including USB interface
- Integrated brake chopper
- Integrated EMC filters
- Automatic activation for a brake

Options:

- Safety function: safe torque off (STO)/category 4, Performance Level e
- Additional digital inputs and outputs

- Bus protocols
 - CANopen
 - DeviceNet
 - EtherCAT
 - EtherNet/IP
 - PROFIBUS DP
 - PROFINET

Motor controller CMMS-ST for stepper motor



- Complete integration of all components for controller and power section, including RS232 interface
- Integrated brake chopper
- Integrated EMC filters
- Automatic activation for a brake

Options:

- Safety function: safe torque off (STO)/category 3, Performance Level d

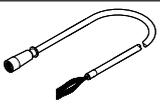
- Bus protocols
 - CANopen
 - DeviceNet
 - PROFIBUS DP

Ordering data – Accessories

Module/motor combinations

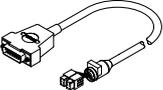
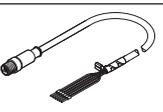
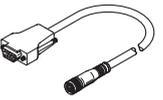
We recommend that the linear gantry is operated with the proposed motors from Festo. These precisely match the mechanical system. When using third-party motors, it is essential that the technical limits are observed.

Module	Motor		
	Servo motor	Servo motor	Stepper motor
Y-module			
EHMY-...-EGC-50-TB-KF	–	EMME-AS-40-S-LV-...	EMMS-ST-57-M-...
EHMY-...-EGC-80-TB-KF	EMMS-AS-55-S-LS-...	EMME-AS-60-M-LS-...	EMMS-ST-57-S-...
EHMY-...-EGC-120-TB-KF	EMMS-AS-100-S-HS-...	EMME-AS-80-S-LS-...	EMMS-ST-87-S-...
EHMY-...-EGC-125-TB-HD	EMMS-AS-70-S-LS-...	EMME-AS-60-M-LS-...	EMMS-ST-57-S-...
EHMY-...-EGC-160-TB-HD	EMMS-AS-100-S-HS-...	EMME-AS-80-S-LS-...	EMMS-ST-87-S-...
EHMY-...-EGC-185-TB-KF	EMMS-AS-100-M-HS-...	EMME-AS-100-M-HS-...	–
	EMMS-AS-140-S-HS-...		
EHMY-...-EGC-220-TB-HD	EMMS-AS-100-M-HS-...	EMME-AS-100-M-HS-...	–
	EMMS-AS-140-S-HS-...		
Z-module			
EHMZ-DGEA-18-TB-KF	EMMS-AS-55-S-LS-...	EMME-AS-60-M-LS-...	EMMS-ST-57-S-...
EHMZ-DGEA-25-TB-KF	EMMS-AS-70-S-LS-...	EMME-AS-60-M-LS-...	EMMS-ST-57-S-...
EHMZ-DGEA-40-TB-KF	EMMS-AS-100-S-HS-...	EMME-AS-80-M-LS-...	–
EHMZ-EGC-70-BS-KF	EMMS-AS-55-S-LS-...	EMME-AS-60-M-LS-...	EMMS-ST-57-S-...
EHMZ-EGC-80-BS-KF	EMMS-AS-70-S-LS-...	EMME-AS-60-M-LS-...	EMMS-ST-57-S-...
EHMZ-EGC-120-BS-KF	EMMS-AS-100-S-HS-...	EMME-AS-80-S-LS-...	–
EHMZ-EGSL-35-BS-KF	–	EMME-AS-40-S-LV-...	EMMS-ST-28-L-...
EHMZ-EGSL-45-BS-KF	EMMS-AS-40-M-LS-...	EMME-AS-40-S-LV-...	EMMS-ST-57-S-...
EHMZ-EGSL-55-BS-KF	EMMS-AS-55-S-LS-...	EMME-AS-60-M-LS-...	EMMS-ST-57-S-...
EHMZ-EGSL-75-BS-KF	EMMS-AS-70-M-LS-...	EMME-AS-80-S-LS-...	EMMS-ST-87-S-...
YZ-module (EXCT)			
EXCT-15	EMMS-AS-70-M-LS-...	–	–
EXCT-30	EMMS-AS-100-S-HS-...	–	–
EXCT-100	EMMS-AS-100-M-HS-...	–	–

Designation	Description	Cable length	Part no.	Type
For servo motor				
Motor cable¹⁾				
	• For servo motor EMMS-AS-40-M-LS-.../ EMMS-AS-55-S-LS-...	5 m	550306	NEBM-T1G8-E-5-Q7N-LE8
		10 m	550307	NEBM-T1G8-E-10-Q7N-LE8
		15 m	550308	NEBM-T1G8-E-15-Q7N-LE8
	• For servo motor EMMS-AS-70-S-LS-.../ EMMS-AS-70-M-LS-.../EMMS-AS-100-S-HS-.../ EMMS-AS-100-M-HS-.../EMMS-AS-140-S-HS-...	5 m	550310	NEBM-M23G8-E-5-Q9N-LE8
		10 m	550311	NEBM-M23G8-E-10-Q9N-LE8
		15 m	550312	NEBM-M23G8-E-15-Q9N-LE8

1) Cables especially suitable for the motor controller and motor.
Degree of protection to IP65 (in assembled state)

Ordering data – Accessories

Designation	Description	Cable length	Part no.	Type
For servo motor				
Encoder cable¹⁾				
	• For servo motor EMMS-AS-40-M-LS-...	5 m	550314	NEBM-T1G8-E-5-N-S1G15
		10 m	550315	NEBM-T1G8-E-10-N-S1G15
		15 m	550316	NEBM-T1G8-E-15-N-S1G15
Encoder cable¹⁾				
	• For servo motor EMMS-AS-70-S-LS-.../ EMMS-AS-70-M-LS-.../EMMS-AS-100-S-HS-.../ EMMS-AS-100-M-HS-.../EMMS-AS-140-S-HS-...	5 m	550318	NEBM-M12W8-E-5-N-S1G15
		10 m	550319	NEBM-M12W8-E-10-N-S1G15
		15 m	550320	NEBM-M12W8-E-15-N-S1G15
For stepper motor				
Motor cable¹⁾				
	• For stepper motor EMMS-ST-28-L-...	1.5 m	1449600	NEBM-SM12G8-E-1.5-Q5-LE6
		2.5 m	1449601	NEBM-SM12G8-E-2.5-Q5-LE6
		5 m	1449602	NEBM-SM12G8-E-5-Q5-LE6
		7 m	1449603	NEBM-SM12G8-E-7-Q5-LE6
		10 m	1449604	NEBM-SM12G8-E-10-Q5-LE6
Encoder cable¹⁾				
	• For stepper motor EMMS-ST-28-L-...	5 m	550748	NEBM-M12G8-E-5-S1G9
		10 m	550749	NEBM-M12G8-E-10-S1G9
		15 m	550750	NEBM-M12G8-E-15-S1G9

1) Cables especially suitable for the motor controller and motor.
Degree of protection to IP65 (in assembled state)

Possible cable and tube lengths

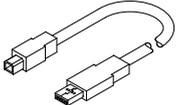
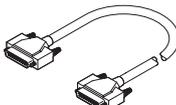
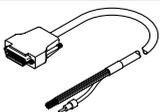
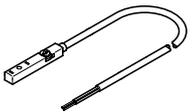
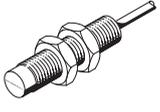
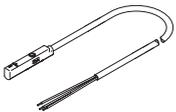
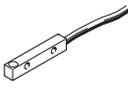
- Cables and tubing are sized so that the minimum length available from the energy chain output is the connection length specified when ordering.
- Cables and tubing are only available in fixed lengths as stated in the table below. This can mean that the cable plugs of the different cables do not end at the same point.

Length	1 m	2 m	5 m	7 m	10 m
Motor cable	–	■	■	■	■
Encoder cable	–	■	■	■	■
Multi-pin plug connecting cable	–	■	■	■	■
Tubing (for DHMZ only)	■	■	■	–	–

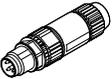
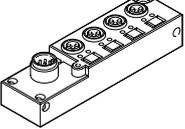
Ordering data – Accessories

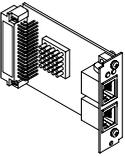
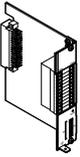
Standard components within the handling system

The handling system comprises a number of tried-and-tested standard components from Festo. Different components are used depending on the configuration. You can alter the scope and design of the accessories in the configurator HGO on the "System configuration" page.

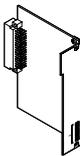
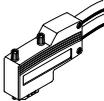
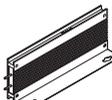
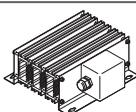
Designation	Description	Cable length	Part no.	Type	
Programming cable					
	<ul style="list-style-type: none"> High-speed USB 2.0 connecting cable For controller CMMP-AS 	1.8 m	1501332	NEBC-U1G4-K-1.8-N-U2G4	
	<ul style="list-style-type: none"> For controller CMMS-ST 	2 m	160786	PS1-ZK11-NULLMODEM-2.0M	
Control cable (for I/O interface to any controller)					
	<ul style="list-style-type: none"> For controller CMMP-AS, CMMS-ST 	2.5 m	552254	NEBC-S1G25-K-2.5-N-LE26	
Proximity sensor (inductive) for sensing the position of the slide on the Y-/Z-axis					
	Cable with open end				
	<ul style="list-style-type: none"> For toothed belt axis EGC-TB, EGC-HD-TB 	PNP, N/C contact	7.5 m	551391	SIES-8M-PO-24V-K-7.5-OE
	<ul style="list-style-type: none"> For spindle axis EGC-BS 	PNP, N/O contact	7.5 m	551386	SIES-8M-PS-24V-K-7.5-OE
	<ul style="list-style-type: none"> For mini slide EGSL 	NPN, N/C contact	7.5 m	551401	SIES-8M-NO-24V-K-7.5-OE
	<ul style="list-style-type: none"> For direct voltage 	NPN, N/O contact	7.5 m	551396	SIES-8M-NS-24V-K-7.5-OE
Included if a "Festo sensor package" is selected: For EGC: 2 For EGSL: 1					
Proximity sensor (inductive) for sensing the position of the slide on the Z-axis					
	Cable with open end				
	<ul style="list-style-type: none"> For cantilever axis DGEA 	PNP, N/C contact	2.5 m	150398	SIEN-M8NB-PO-K-L
	<ul style="list-style-type: none"> For direct voltage 	PNP, N/O contact	2.5 m	150394	SIEN-M8NB-PS-K-L
	<ul style="list-style-type: none"> For direct voltage 	NPN, N/C contact	2.5 m	150396	SIEN-M8NB-NO-K-L
Included if a "Festo sensor package" is selected: 2					
Proximity sensor (magnetostrictive) for sensing the position of the slide on the Z-axis					
	Cable with open end				
	<ul style="list-style-type: none"> For mini slide DGSL 	PNP, N/O contact	2.5 m	551373	SMT-10M-PS-24V-E-2.5-L-OE
<ul style="list-style-type: none"> For direct voltage 	NPN, N/O contact	2.5 m	551377	SMT-10M-NS-24V-E-2.5-L-OE	
Included if a "Festo sensor package" is selected: 2					
Proximity sensor for sensing the position of the slide on the Y/Z-axis					
	<ul style="list-style-type: none"> For EXCT 	N/C contact	–	174552	SIES-Q8B-PO-K-L

Ordering data – Accessories

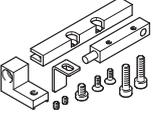
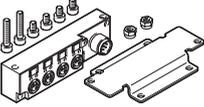
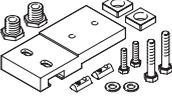
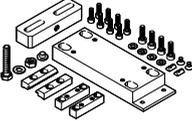
Designation	Description	Cable length	Part no.	Type
Plug socket with cable				
	• Connection between multi-pin plug distributor and control cabinet	5 m	525618	SIM-M12-8GD-5-PU
		10 m	570008	SIM-M12-8GD-10-PU
Plug socket with cable				
	• For multi-pin plug set EADH	15 m	8048086	NEBU-M12W8-K-15-N-LE8
Plug				
	• For connection to the multi-pin plug distributor	–	562024	NECU-S-M8G3-HX
Multi-pin plug distributor				
	• With the help of the multi-pin plug distributor, electrical signals such as for end-position sensing can be transferred collectively Options: – 4 individual connections – 6 individual connections	–	574586	NEDU-L4R1-M8G3L-M12G8
			574587	NEDU-L6R1-M8G3L-M12G8

Designation	Description	Part no.	Type
Interface			
	For additional I/Os	567855	CAMC-D-8E8A
	For DeviceNet	547451	CAMC-DN
	For EtherCAT	567856	CAMC-EC
	For EtherNet/IP	1911917	CAMC-F-EP
	For PROFINET RT	1911916	CAMC-F-PN
	For PROFIBUS DP	547450	CAMC-PB
Safety module			
	For safe torque off (STO)	1501330	CAMC-G-S1

Ordering data – Accessories

Designation	Description	Part no.	Type
Switch module			
	If the safety module CAMC-G-S1 is not used, the switch module is absolutely essential for operating the motor controller CMMP-AS-...-M3	1501329	CAMC-DS-M1
Bus connection			
	For DeviceNet interface	525635	FBSD-KL-2X5POL
Plug			
	For CANopen interface	533783	FBS-SUB-9-WS-CO-K
	For PROFIBUS interface	533780	FBS-SUB-9-WS-PB-K
Braking resistor			
	• For EXCT-15	2882342	CACR-LE2-50-W500
	• For EXCT-30/100	2882343	CACR-KL2-40-W2000

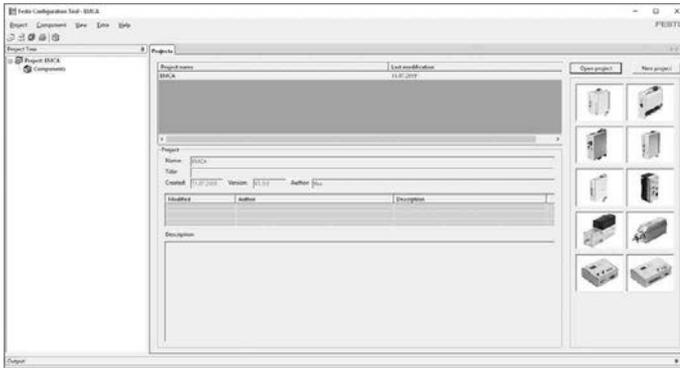
Ordering data – Accessories

Designation	Description	Part no.	Type	
Sensing kit				
	<ul style="list-style-type: none"> Included in the scope of delivery: proximity sensor SIES-Q8B, sensor bracket, switch lug, mounting bracket and screws 	2478427	EAPR-E17-S	
Multi-pin set				
	<ul style="list-style-type: none"> For connecting up to 4 inputs/outputs 	2972137	EADH-E17-MP1	
Mounting kit				
	<ul style="list-style-type: none"> For mounting and aligning on a bearing surface The kit is height-adjustable 	3838164	EAHM-E17-K2-15	
		3838337	EAHM-E17-K2-30	
		3838404	EAHM-E17-K2-100	
Adjusting kit				
	<ul style="list-style-type: none"> Used to mount the handling system on a vertical surface Following mounting, the axis can be aligned horizontally 	EHMY-...-EGC-50-TB-KF	8047576	EADC-E16-50-E7
		EHMY-...-EGC-80-TB-KF	8047577	EADC-E16-80-E7
		EHMY-...-EGC-120-TB-KF	8047578	EADC-E16-120-E7
		EHMY-...-EGC-185-TB-KF	8047579	EADC-E16-185-E7
		EHMY-...-EGC-125-TB-HD	8047580	EADC-E16-125-E14
		EHMY-...-EGC-160-TB-HD	8047581	EADC-E16-160-E14
EHMY-...-EGC-220-TB-HD	8047582	EADC-E16-220-E14		

Programming aid

FCT software – Festo Configuration Tool

Software platform for electric drives from Festo (→ www.festo.com/sp/fct)



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

Festo - Your Partner in Automation



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