



M8 DISTRIBUTION SYSTEMS EXACT8

- Saves space
- Versatile
- Application oriented

EXACT8 – THE NEW GENERATION OF MURRELEKTRONIK'S M8 DISTRIBUTION BOXES

- Small dimensions (30 mm width)
- PUR/PVC cable for flexible and fixed assembly
- High-quality, halogen-free PUR cable suitable for C-tracks, UL/CSA approved
- Standard or side mounting for limited space
- Quick and easy replacement of connection cables

For Sensors and Actuators – Molded Homerun Cables or Connection Caps



Exact8

- 4-, 6-, 8-, 10-way
- PUR or PUR/PVC homerun cable

Page 4.11.1



Exact8 basic modules

- 4-, 6-, 8-, 10-way

Page 4.11.5



Exact8 connection caps

- Pre-wired
- PUR or PUR/PVC homerun cable

Page 4.11.8



Exact8 set

- 4-, 6-, 8-, 10-way
- Field-wireable

Page 4.11.11

For Sensors – with M12 Connection



Exact8

- 4-, 6-, 8-, 10-way
- With 8- or 12-pole M12 connection

Page 4.11.12

M8 DISTRIBUTION SYSTEMS

For sensors and actuators

– with molded homerun cable

– Inline face or side mounting

Approvals:  **UL** US
Listed

Exact8

4-way



Exact8

6-way



Exact8

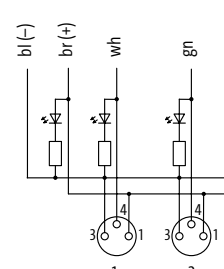
8-way



Exact8

10-way



1 Form		84010	86010	88010	80010
Type		PNP, 3-pole	PNP, 3-pole	PNP, 3-pole	PNP, 3-pole
Contact layout		M8-Females 3-pole 4 (N/O) 3 (-) 1 (+)  for 1 signal per port			
2 Cable Type		Jacket Color – No./diameter of wires			
		gray	gray	gray	gray
PUR/PVC		337 – 4 × 0.34 + 2 × 0.75 mm ²	350 – 6 × 0.34 + 2 × 0.75 mm ²	357 – 8 × 0.34 + 2 × 0.75 mm ²	385 – 10 × 0.34 + 2 × 0.75 mm ²
PUR (UL/CSA), robots/C-tracks		334 – 4 × 0.34 + 2 × 0.75 mm ²	356 – 6 × 0.34 + 2 × 0.75 mm ²	359 – 8 × 0.34 + 2 × 0.75 mm ²	384 – 10 × 0.34 + 2 × 0.75 mm ²
3 Cable Length					
3.0 m		0300			
5.0 m		0500			
10.0 m		1000			
15.0 m		1500			
Technical Data					
Operating voltage		24 V DC			
Total current		max. 8 A			
Protection		IP65/IP67			
Temperature range		-20...+80 °C, depending on cable quality			
Contact Layout					
LED display		LED (green): Power / LED (yellow): (S1)			
PIN 1		(+)			
PIN 3		(-)			
PIN 4		(NO)/(S1)			
Article No.					
The composition of your article number is explained on page 3.1.i		8 0 0 0	-	-	-
		1 Form	2 Cable Type	3 Cable Length	
Notes					

M8 DISTRIBUTION SYSTEMS

For sensors and actuators

– with molded homerun cable

– Inline face or side mounting

Approvals:  US
Listed

Exact8

4-way



Exact8

6-way



Exact8

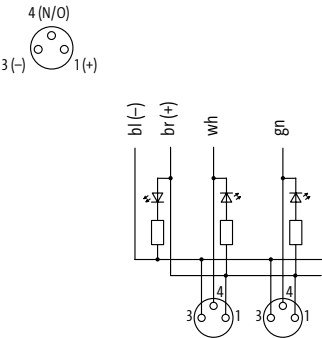
8-way



Exact8

10-way



1	Form	84 011				86 011				88 011				80 011			
	Type	NPN, 3-pole				NPN, 3-pole				NPN, 3-pole				NPN, 3-pole			
	Contact layout	M8-Females 3-pole  for 1 signal per port															
2	Cable Type	Jacket Color – No./diameter of wires															
		gray				gray				gray				gray			
	PUR/PVC	337 – 4 × 0.34 + 2 × 0.75 mm²				350 – 6 × 0.34 + 2 × 0.75 mm²				357 – 8 × 0.34 + 2 × 0.75 mm²				385 – 10 × 0.34 + 2 × 0.75 mm²			
	PUR (UL/CSA), robots/C-tracks	334 – 4 × 0.34 + 2 × 0.75 mm²				356 – 6 × 0.34 + 2 × 0.75 mm²				359 – 8 × 0.34 + 2 × 0.75 mm²				384 – 10 × 0.34 + 2 × 0.75 mm²			
3	Cable Length																
	5.0 m	0500															
	10.0 m	1000															
Technical Data																	
Operating voltage		24 V DC															
Total current		max. 8 A															
Protection		IP65/IP67															
Temperature range		-20...+80 °C, depending on cable quality															
Contact Layout																	
LED display		LED (green): Power / LED (yellow): (S1)															
PIN 1		(+)															
PIN 3		(-)															
PIN 4		(NO)/(S1)															
Article No.																	
The composition of your article number is explained on page 3.1.i		8 0 0 0 - -															
						1 Form				2 Cable Type				3 Cable Length			
Notes																	

M8 DISTRIBUTION SYSTEMS

For sensors and actuators

– with molded homerun cable

– Inline face or side mounting

Approvals: US Listed

Exact8

4-way



Exact8

6-way



Exact8

8-way



Exact8

10-way



1 Form	84110	86110	88110	80110
Type	PNP, 4-pole	PNP, 4-pole	PNP, 4-pole	PNP, 4-pole
Contact layout	M8-Females 4-pole 4 (S1) 2 (S2) 3 (-) 1 (+) for 2 signals per port			
2 Cable Type	Jacket Color – No./diameter of wires			
	gray	gray	gray	gray
PUR/PVC	358 – 8 × 0.34 + 2 × 0.75 mm ²	386 – 12 × 0.34 + 2 × 0.75 mm ²	395 – 16 × 0.34 + 2 × 0.75 mm ²	412 – 20 × 0.34 + 2 × 0.75 mm ²
PUR (UL/CSA), robots/C-tracks	360 – 8 × 0.34 + 2 × 0.75 mm ²	389 – 12 × 0.34 + 2 × 0.75 mm ²	396 – 16 × 0.34 + 2 × 0.75 mm ²	411 – 20 × 0.34 + 2 × 0.75 mm ²
3 Cable Length				
3.0 m	0300			
5.0 m	0500			
10.0 m	1000			
15.0 m	1500			
Technical Data				
Operating voltage	24 V DC			
Total current	max. 8 A			
Protection	IP65/IP67			
Temperature range	-20...+80 °C, depending on cable quality			
Contact Layout				
LED display	LED (green): Power / LED (yellow): (S1) / LED (white): Signal (S2)			
PIN 1	(+)			
PIN 2	(NC)/(S2)			
PIN 3	(-)			
PIN 4	(NO)/(S1)			
Article No.				
The composition of your article number is explained on page 3.1.i	8 0 0 0 - - - - - -			
	1 Form	2 Cable Type	3 Cable Length	
Notes				

M8 DISTRIBUTION SYSTEMS

For sensors and actuators

– with molded homerun cable

– Inline face or side mounting

Approvals:  US
Listed

Exact8

4-way



Exact8

6-way



Exact8

8-way



Exact8

10-way



1	Form	84111	86111	88111	80111
	Type	NPN, 4-pole	NPN, 4-pole	NPN, 4-pole	NPN, 4-pole
	Contact layout	M8-Females 4-pole 4 (S1) 2 (S2) 3 (-) 1 (+) bl (-) br (+) wh gr/pk gn rd/bl 4 2 3 1 4 2 3 1 for 2 signals per port 1 2			
2	Cable Type	Jacket Color – No./diameter of wires			
		gray	gray	gray	gray
	PUR/PVC	358 – 8 × 0.34 + 2 × 0.75 mm ²	386 – 12 × 0.34 + 2 × 0.75 mm ²	395 – 16 × 0.34 + 2 × 0.75 mm ²	412 – 20 × 0.34 + 2 × 0.75 mm ²
	PUR (UL/CSA), robots/C-tracks	360 – 8 × 0.34 + 2 × 0.75 mm ²	389 – 12 × 0.34 + 2 × 0.75 mm ²	396 – 16 × 0.34 + 2 × 0.75 mm ²	411 – 20 × 0.34 + 2 × 0.75 mm ²
3	Cable Length				
	5.0 m	0500			
	10.0 m	1000			
	Technical Data				
	Operating voltage	24 V DC			
	Total current	max. 8 A			
	Protection	IP65/IP67			
	Temperature range	-20...+80 °C, depending on cable quality			
	Contact Layout				
	LED display	LED (green): Power / LED (yellow): (S1) / LED (white): Signal (S2)			
	PIN 1	(+)			
	PIN 2	(NC)/(S2)			
	PIN 3	(-)			
	PIN 4	(NO)/(S1)			
	Article No.				
	The composition of your article number is explained on page 3.1.i	8 0 0 0 - -			
		1	Form	2	Cable Type
		3	Cable Length		
	Notes				

M8 DISTRIBUTION SYSTEMS

For sensors and actuators

– Base modules

– Inline face or side mounting

Approvals: Listed

Exact8

4-way



Exact8

6-way



Exact8

8-way



Exact8

10-way



1 Form

84000

86000

88000

80000

Type

PNP, 3-pole

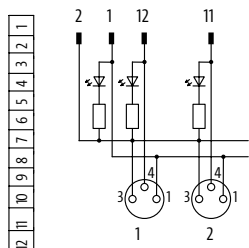
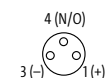
PNP, 3-pole

PNP, 3-pole

PNP, 3-pole

Contact layout

M8-Females 3-pole



for 1 signal per port

Technical Data

Operating voltage	24 V DC
Operating current per contact	max. 2 A
Total current	max. 8 A
Protection	IP65/IP67
Temperature range	-20...+70 °C, depending on cable quality

Contact Layout

LED display	LED (green): Power / LED (yellow): (S1)
PIN 1	(+)
PIN 3	(-)
PIN 4	(NO)/(S1)

Article No.

The composition of your article number is explained on page 3.1.i

8 0 0 0

1 Form

0 0 0

0 0 0 0

Notes

M8 DISTRIBUTION SYSTEMS

For sensors and actuators

– Base modules

– Inline face or side mounting

Approvals:  US
Listed

Exact8

4-way



Exact8

6-way



Exact8

8-way



Exact8

10-way



1

Form

84001

86001

88001

80001

Type

NPN, 3-pole

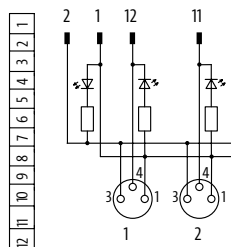
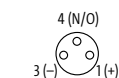
NPN, 3-pole

NPN, 3-pole

NPN, 3-pole

Contact layout

M8-Females 3-pole



for 1 signal per port

Technical Data

Operating voltage	24 V DC
Operating current per contact	max. 2 A
Total current	max. 8 A
Protection	IP65/IP67
Temperature range	-20...+70 °C, depending on cable quality

Contact Layout

LED display	LED (green): Power / LED (yellow): (S1)
PIN 1	(+)
PIN 3	(-)
PIN 4	(NO)/(S1)

Article No.

The composition of your article number is explained on page 3.1.i

8 0 0 0

-

0 0 0

0 0 0 0

1

Form

Notes

M8 DISTRIBUTION SYSTEMS

For sensors and actuators

- Base modules
- Inline face or side mounting

Approvals:  **UL** US
Listed

Exact8
4-way



Exact8
6-way



Exact8
8-way



1 Form		84100	86100	88100
Type		PNP, 4-pole	PNP, 4-pole	PNP, 4-pole
Contact layout		M8 Females 4-pole 4 (S1) 2 (S2) 3 (-) 1 (+) for 2 signals per port	M8-Females 4-pole 4 (S1) 2 (S2) 3 (-) 1 (+) for 2 signals per port	
Technical Data				
Operating voltage		24 V DC		
Operating current per contact		max. 2 A		
Total current		max. 8 A		
Protection		IP65/IP67		
Temperature range		-20...+70 °C, depending on cable quality		
Contact Layout				
LED display		LED (green): Power / LED (yellow): (S1) / LED (white): Signal (S2)		
PIN 1		(+)		
PIN 2		(NC)/(S2)		
PIN 3		(-)		
PIN 4		(NO)/(S1)		
Article No.				
The composition of your article number is explained on page 3.1.i		8 0 0 0 - - - - - 0 0 0 0 0 0 0 0		
		1 Form		
Notes				

M8 DISTRIBUTION SYSTEMS

For sensors and actuators

– Connection cap with homerun cable

Approvals:  **UL** US
Listed

Exact8

Connection cap short



1 Form	84049	86049	88049	80049
	for 4-way distribution box, 3-pole Spring clamp plug-in terminals	for 6-way distribution box, 3-pole Spring clamp plug-in terminals	for 8-way distribution box, 3-pole Spring clamp plug-in terminals	for 10-way distribution box, 3-pole Spring clamp plug-in terminals
Contact layout	M8-Females 3-pole for 1 signal per port			
2 Cable Type	Jacket Color – No./diameter of wires			
PUR/PVC	gray 337 – 4 × 0.34 + 2 × 0.75 mm ²	gray 350 – 6 × 0.34 + 2 × 0.75 mm ²	gray 357 – 8 × 0.34 + 2 × 0.75 mm ²	gray 385 – 10 × 0.34 + 2 × 0.75 mm ²
PUR (UL/CSA), robots/C-tracks	334 – 4 × 0.34 + 2 × 0.75 mm ²	356 – 6 × 0.34 + 2 × 0.75 mm ²	359 – 8 × 0.34 + 2 × 0.75 mm ²	384 – 10 × 0.34 + 2 × 0.75 mm ²
3 Cable Length				
3.0 m	0300			
5.0 m	0500			
10.0 m	1000			
15.0 m	1500			
Technical Data				
Total current	max. 8 A			
Temperature range	-20...+80 °C, depending on cable quality			
Article No.				
The composition of your article number is explained on page 3.1.i	8 0 0 0 - -			
	1 Form	2 Cable Type	3 Cable Length	
Notes				

M8 DISTRIBUTION SYSTEMS

For sensors and actuators

– Connection cap with homerun cable

Approvals:  Listed

Exact8

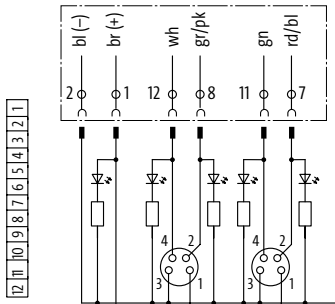
Connection cap short



Exact8

Connection cap long



1 Form		84149	86149	88149
Type		for 4-way distribution box, 4-pole	for 6-way distribution box, 4-pole	for 8-way distribution box, 4-pole
		Spring clamp plug-in terminals	Spring clamp plug-in terminals	Spring clamp plug-in terminals
Contact layout		M8-Females 4-pole 4 (S1) 2 (S2) 3 (-) 1 (+)  for 2 signals per port 1 2		
2 Cable Type		Jacket Color – No./diameter of wires		
		gray	gray	gray
PUR/PVC		358 – 8 × 0.34 + 2 × 0.75 mm ²	386 – 12 × 0.34 + 2 × 0.75 mm ²	395 – 16 × 0.34 + 2 × 0.75 mm ²
PUR (UL/CSA), robots/C-tracks		360 – 8 × 0.34 + 2 × 0.75 mm ²	389 – 12 × 0.34 + 2 × 0.75 mm ²	396 – 16 × 0.34 + 2 × 0.75 mm ²
3 Cable Length				
3.0 m		0300		
5.0 m		0500		
10.0 m		1000		
15.0 m		1500		
Technical Data				
Total current		max. 8 A		
Temperature range		-20...+80 °C, depending on cable quality		
Article No.				
The composition of your article number is explained on page 3.1.i		8 0 0 0 - - - - -		
		1 Form	2 Cable Type	3 Cable Length
Notes				

M8 DISTRIBUTION SYSTEMS

For sensors and actuators

- Connection cap without homerun cable
- Field-wireable

Exact8

Connection cap short



Exact8

Connection cap long



1	Form	84949		80949	
	Type	for 4-way distribution box, 3/4-pole, for 4...10-way, 3-pole		6-, and 8-way distribution box, 4-pole	
	Contact layout	Spring clamp plug-in terminals		Spring clamp plug-in terminals	
		3-pole M8-Females 4-pole 4 (N/O) 3 (-) 1 (+) 4 (S1) 3 (-) 1 (+) 2 (S2) 1 (+) 1 2 3 4 5 6 7 8 9 10 11 12		M8-Females 4-pole 4 (S1) 3 (-) 1 (+) 2 (S2) 1 (+) 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18	
Technical Data					
Total current		max. 8 A			
Housing		Plastic, flame retardant			
Temperature range		-20...+80 °C			
Article No.					
The composition of your article number is explained on page 3.1.i		8 0 0 0 - - 0 0 0 0 0 0 0			
		1 Form			
Notes					

M8 DISTRIBUTION SYSTEMS

For sensors and actuators

– Sets (basic module and cap)

– Inline face or side mounting

Approvals:

Exact8

4-way



Exact8

6-way



Exact8

8-way



Exact8

10-way



1 Form	84040	86040	88040	80040
Type	3-pole	3-pole	3-pole	3-pole
Contact layout	M8-Females 3-pole for 1 signal per port			
2 Cable Type	Jacket Color – No./diameter of wires			
PUR (UL/CSA), robots/C-tracks	gray 334 – 4 × 0.34 + 2 × 0.75 mm ²	gray 356 – 6 × 0.34 + 2 × 0.75 mm ²	gray 359 – 8 × 0.34 + 2 × 0.75 mm ²	gray 384 – 10 × 0.34 + 2 × 0.75 mm ²
3 Cable Length				
3.0 m	0300			
5.0 m	0500			
10.0 m	1000			
15.0 m	1500			
Technical Data				
Operating voltage	24 V DC			
Total current	max. 8 A			
Protection	IP67 inserted and tightened (EN 60529)			
Temperature range	-20...+80 °C, depending on cable quality			
Contact Layout				
LED display	LED (green): Power / LED (yellow): (S1)			
PIN 1	(+))			
PIN 3	(-)			
PIN 4	(NO)/(S1)			
Article No.				
The composition of your article number is explained on page 3.1.i	8000 – – –			
	1 Form	2 Cable Type	3 Cable Length	
Notes				

M8 DISTRIBUTION SYSTEMS

- For sensors
- M12 plug connection
 - 8-pole
 - Inline face or side mounting

Approvals:  US Listed

Exact8
4-way



Exact8
6-way



1	Form	84070	86070
	Type	3-pole	3-pole
	Contact layout	M8-Females 3-pole M12-Plug 8-pole 4 (N/O) 3 (-) 1 (+) 5 6 7 8 4 3 2 1 (-) 7 (+) 5 1 2 4 3 1 2 for 1 signal per port	
	Technical Data		
		Operating voltage 24 V DC Operating current per contact max. 2 A Protection IP65/IP67 Housing Plastic, flame retardant Temperature range -20...+70 °C, depending on cable quality	
	Contact Layout		
		LED display LED (green): Power / LED (yellow): (S1) PIN 1 (+) PIN 3 (-) PIN 4 (NO)/(S1)	
	Article No.		
	The composition of your article number is explained on page 3.1.i	8 0 0 0 - - 0 0 0 0 0 0 0	
		1	Form
	Notes		

M8 DISTRIBUTION SYSTEMS

For sensors

- M12 plug connection
- 12-pole
- Inline face or side mounting

Approvals:

Exact8

4-way



Exact8

6-way



Exact8

8-way



Exact8

10-way



1 Form

84060

86060

88060

80060

Type

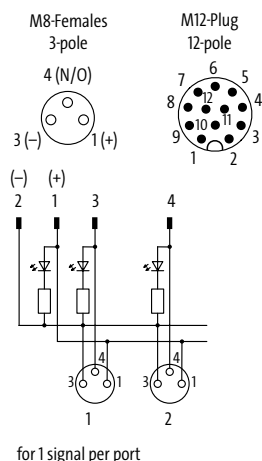
3-pole

3-pole

3-pole

3-pole

Contact layout



Technical Data

Operating voltage	24 V DC
Operating current per contact	max. 1.5 A
Protection	IP67 inserted and tightened (EN 60529)
Housing	Plastic, flame retardant
Temperature range	-20...+70 °C, depending on cable quality

Contact Layout

LED display	LED (green): Power / LED (yellow): (S1)
PIN 1	(+)
PIN 3	(-)
PIN 4	(NO)/(S1)

Article No.

The composition of your article number is explained on page 3.1.i

8 0 0 0

1 Form

0 0 0

0 0 0 0

Notes

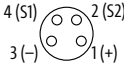
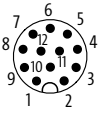
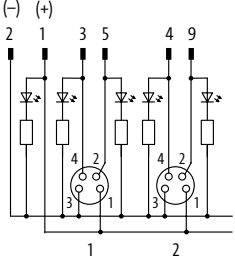
M8 DISTRIBUTION SYSTEMS

- For sensors
- M12 plug connection
 - 12-pole
 - Inline face or side mounting

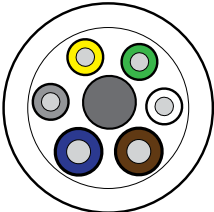
Approvals:  US
Listed

Exact8
4-way

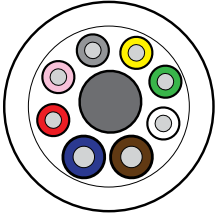
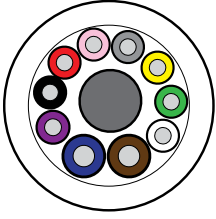
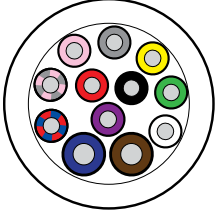
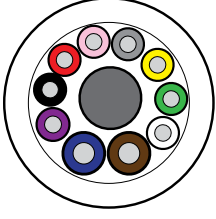
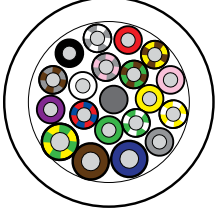
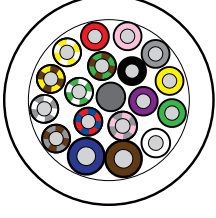
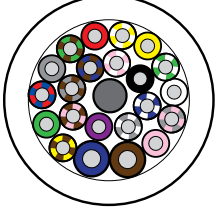


1	Form	84160			
	Type	4-pole			
	Contact layout	M8-Females 4-pole M12-Plug 12-pole    for 2 signals per port			
	Technical Data				
	Operating voltage	24 V DC			
	Operating current per contact	max. 1.5 A			
	Protection	IP67 inserted and tightened (EN 60529)			
	Housing	Plastic, flame retardant			
	Temperature range	-20...+70 °C, depending on cable quality			
	Contact Layout				
	LED display	LED (green): Power / LED (yellow): (S1) / LED (white): Signal (S2)			
	PIN 1	(+)			
	PIN 2	(NC)/(S2)			
	Article No.				
	The composition of your article number is explained on page 3.1.i	8000 - 84160 - 000 0000			
		1 Form			
	Notes				

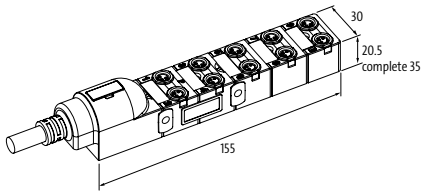
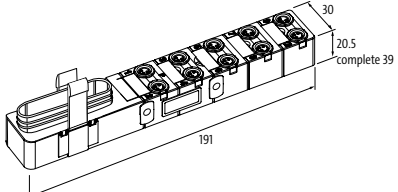
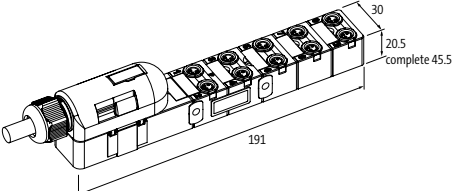
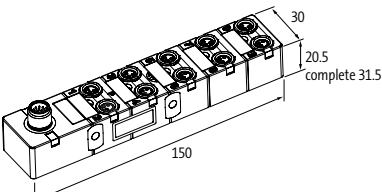
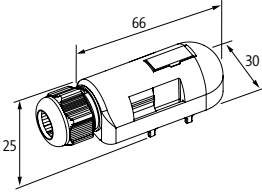
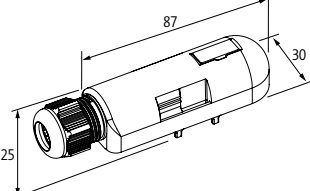
M8 DISTRIBUTION SYSTEMS

Plug accessories			Art-No.
	Torque wrench set M8 (0.4 Nm, SW9)	M8 data connectors	7000-99101-0000000
	Screw plug M8 x 1 mm (for female) Plastic, hex without gasket	Quantity: 10 pcs.	3858627
	Adapter M8/M12 3-pole 4-pole	M8 Distribution Systems M8 Distribution Systems	7000-88521-0000000 7000-88531-0000000
	Label plates KES 20 x 8 (white)	(10 pieces/2 plates)	996067
	T-coupler (Nano) Distribution function (NO)	M8 distribution systems, 4-pole	7000-88602-0000000
	Screw plug M12 x 1 mm (for male) Plastic	Quantity: 4 pcs.	56951
Homerun cable accessories			Art-No.
	Connection cap short Spring clamp terminals, 12-pole	4-way distribution box, 3/4-pole, 4...10-way, 3-pole Cable diameter (7.4...13 mm)	8000-84949-0000000
	Connection cap long Spring clamp terminals, 18-pole	6-, and 8-way distribution box, 4-pole Cable diameter (7.4...13 mm)	8000-80949-0000000
	Cable rings (50 m), 3-pole, PUR/PVC 4x0.34 + 2x0.75 mm ² 4x0.34 + 2x0.75 mm ²	4-way distribution boxes M8 4-way distribution boxes M8	8000-00000-3375000 8000-00000-3345000

M8 DISTRIBUTION SYSTEMS

Homerun cable accessories			Art-No.
	Cable rings (50 m), 3-pole, PUR/PVC 6×0.34 + 2×0.75 mm ²	6-way distribution boxes M8	8000-00000-3505000
	6×0.34 + 2×0.75 mm ²	6-way distribution boxes M8	8000-00000-3565000
	Cable rings (50 m), 3-pole, PUR/PVC 8×0.34 + 2×0.75 mm ²	8-way distribution boxes M8	8000-00000-3575000
	8×0.34 + 2×0.75 mm ²	8-way distribution boxes M8	8000-00000-3595000
	Cable rings (50 m), 3-pole, PUR/PVC 10×0.34 + 2×0.75 mm ²	10-way distribution boxes M8	8000-00000-3855000
	10×0.34 + 2×0.75 mm ²	10-way distribution boxes M8	8000-00000-3845000
	Cable rings (50 m), 4-pole, PUR/PVC 8×0.34 + 2×0.75 mm ²	4-way distribution boxes M8	8000-00000-3585000
	8×0.34 + 2×0.75 mm ²	4-way distribution boxes M8	8000-00000-3605000
	Cable rings (50 m), 4-pole, PUR/PVC 12×0.34 + 2×0.75 mm ²	6-way distribution boxes M8	8000-00000-3865000
	12×0.34 + 2×0.75 mm ²	6-way distribution boxes M8	8000-00000-3895000
	Cable rings (50 m), 4-pole, PUR/PVC 16×0.34 + 2×0.75 mm ²	8-way distribution boxes M8	8000-00000-3955000
	16×0.34 + 2×0.75 mm ²	8-way distribution boxes M8	8000-00000-3965000
	Cable rings (50 m), 4-pole, PUR (UL/CSA), halogen free 20×0.34 + 2×0.75 mm ²	10-way distribution boxes M8	8000-00000-4115000
	20×0.34 + 2×0.75 mm ²	10-way distribution boxes M8	8000-00000-4125000

M8 Distribution Systems Technical Data

	Description Exact8 Molded homerun cable	4-way 96 mm	6-way 109 mm	8-way 132 mm	10-way 155 mm
	Description Exact8 Basic module 3-pole Basic module 4-pole	4-way 132 mm 132 mm	6-way 145 mm 166 mm	8-way 168 mm 189 mm	10-way 191 mm –
	Description Exact8 Sets 3-pole Sets 4-pole	4-way 132 mm 132 mm	6-way 145 mm 166 mm	8-way 168 mm 189 mm	10-way 191 mm –
	Description Exact8 M12 plug connection	4-way 91.5 mm	6-way 104 mm	8-way 127 mm	10-way 150 mm
	Description Exact8 Short connection cap				
	Description Exact8 Long connection cap				