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YOUR SYSTEM PARTNER

From the control cabinet…



…via the interface



…passive or…



…active into the field



North American Express Inventory

US EXPRESS INVENTORY

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Comments:

By releasing this catalog all information/details from previous brochures and catalogs will expire.

The drawings, diagrams, dimensions, weight and/or ratings printed in this catalog are only binding when specifically agreed upon. Murrelektronik reserves the right to alter and deviate from the printed data. The customer is responsible for making sure that the ordered components or equipment are suitable for the planned application.

All data of this catalog are compiled with the utmost care. The liability regarding correctness, completeness, and actuality is limited to gross negligence.

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Murrelektronik Inc., 3751 Venture Drive, Suite 230
Duluth, GA 30096

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THE NORTH AMERICAN EXPRESS INVENTORY BROCHURE





Dear customer and prospective buyer,welcome to the Murrelektronik Inventory catalog!

Murrelektronik is dedicated to providing customers with the superior service, dependable products and savvy solutions they need to rise above their competitors in today's aggressive marketplace.

Murrelektronik has significantly increased product inventory at its U.S. warehouse and added optional express shipping and manufacturing services to make sure that customers always receive cost competitive, top quality products in the fastest time possible.

This brochure lists items that are routinely stocked at Murr-elektronik's U.S. warehouse. The following options are now readily available to expedite orders and to reduce costly inventory storage at customers' production facilities.

- Products stocked at the U.S. warehouse can be shipped the same day!*
- Products stocked at the U.S. warehouse can be drop-shipped directly to end-users for faster, customized delivery!*
- Murrelektronik products stocked in Germany can be shipped and delivered in less than one week – guaranteed!*
- For emergency situations requiring non-stock products, Murrelektronik provides super fast, 48 hour manufacturing services to reduce customer outages and downtime expenses!*

** Certain restrictions apply, please call for details*

These express manufacturing and delivery services improve ordering flexibility, increase operating efficiency by scheduling product delivery according to manufacturing schedules, and provide quick access to more products when and where customers want them!

To place an order or to obtain more information on Murrelektronik's express services, please call Murrelektronik's customer service representatives at 1-888-230-MURR (6877).

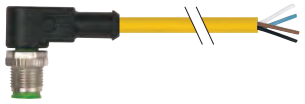
SINGLE ENDED M12 CORD SET (MICRO) – 4-POLE

male, straight, 4-pole



Cable type	Cable Length	AWG	Jacket color	Part.-No.
PVC	5.0 m	22	yellow	7000-12021-0140500
PVC	10.0 m	22	yellow	7000-12021-0141000
PVC	3.0 m	22	gray	7000-12021-2140300
PVC	5.0 m	22	gray	7000-12021-2140500
PVC	10.0 m	22	gray	7000-12021-2141000
PUR	5.0 m	22	gray	7000-12021-2240500
PUR	10.0 m	22	gray	7000-12021-2241000

male, 90°, 4-pole



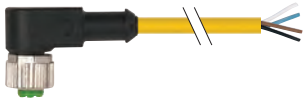
Cable type	Cable Length	AWG	Jacket color	Part.-No.
PVC	5.0 m	22	yellow	7000-12101-0140500
PVC	10.0 m	22	yellow	7000-12101-0141000
PVC	5.0 m	22	gray	7000-12101-2140500
PVC	10.0 m	22	gray	7000-12101-2141000

female, straight, 4-pole



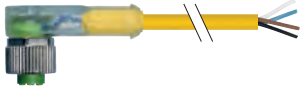
Cable type	Cable Length	AWG	Jacket color	Part.-No.
PVC	3.0 m	22	yellow	7000-12221-0140300
PVC	5.0 m	22	yellow	7000-12221-0140500
PVC	10.0 m	22	yellow	7000-12221-0141000
PVC	15.0 m	22	yellow	7000-12221-0141500
PUR	5.0 m	22	yellow	7000-12221-0240500
PUR	10.0 m	22	yellow	7000-12221-0241000
High Flex PUR	5.0 m	22	yellow	7000-12221-0340500
High Flex PUR	10.0 m	22	yellow	7000-12221-0341000
PVC	5.0 m	22	gray	7000-12221-2140500
PVC	10.0 m	22	gray	7000-12221-2141000
PUR	5.0 m	22	gray	7000-12221-2240500
PUR	10.0 m	22	gray	7000-12221-2241000
PVC	5.0 m	22	black	7000-12221-6140500

female, 90°, 4-pole



Cable type	Cable Length	AWG	Jacket color	Part.-No.
PVC	5.0 m	22	yellow	7000-12341-0140500
PVC	10.0 m	22	yellow	7000-12341-0141000
PVC	15.0 m	22	yellow	7000-12341-0141500
PUR	5.0 m	22	yellow	7000-12341-0240500
PUR	10.0 m	22	yellow	7000-12341-0241000
High Flex PUR	5.0 m	22	yellow	7000-12341-0340500
High Flex PUR	10.0 m	22	yellow	7000-12341-0341000
PVC	5.0 m	22	gray	7000-12341-2140500
PVC	10.0 m	22	gray	7000-12341-2141000
PUR	5.0 m	22	gray	7000-12341-2240500
PUR	10.0 m	22	gray	7000-12341-2241000
High Flex PUR	5.0 m	22	black	7000-12341-6340500
High Flex PUR	10.0 m	22	black	7000-12341-6341000

female, 90°, 4-pole with 3x LED



Cable type	Cable Length	AWG	Jacket color	Part.-No.
PVC	5.0 m	22	yellow	7000-12421-0140500
PUR	5.0 m	22	gray	7000-12421-2240500

For additional details and products please contact your local area representative.

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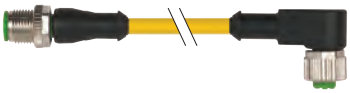
DOUBLE ENDED M12 CORD SET – MALE-FEMALE EXTENSION CORD (MICRO) – 4-POLE

male, straight to female, straight,



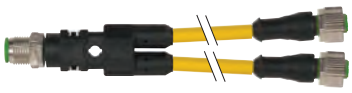
Cable type	Cable Length	AWG	Jacket color	Part.-No.
PVC	0.6 m	22	yellow	7000-40021-0140060
PVC	1.0 m	22	yellow	7000-40021-0140100
PVC	1.5 m	22	yellow	7000-40021-0140150
PVC	2.0 m	22	yellow	7000-40021-0140200
PVC	3.0 m	22	yellow	7000-40021-0140300
PVC	5.0 m	22	yellow	7000-40021-0140500
PVC	10.0 m	22	yellow	7000-40021-0141000
High Flex PUR	0.6 m	22	yellow	7000-40021-0340060
High Flex PUR	1.0 m	22	yellow	7000-40021-0340100
High Flex PUR	1.5 m	22	yellow	7000-40021-0340150
High Flex PUR	2.0 m	22	yellow	7000-40021-0340200
High Flex PUR	3.0 m	22	yellow	7000-40021-0340300
High Flex PUR	5.0 m	22	yellow	7000-40021-0340500
PUR	0.3 m	22	gray	7000-40021-2240030
PUR	0.6 m	22	gray	7000-40021-2240060
PUR	1.0 m	22	gray	7000-40021-2240100
PUR	1.5 m	22	gray	7000-40021-2240150
PUR	2.0 m	22	gray	7000-40021-2240200
PUR	3.0 m	22	gray	7000-40021-2240300
PUR	5.0 m	22	gray	7000-40021-2240500
PUR	10.0 m	22	gray	7000-40021-2241000

male straight to female, 90°,



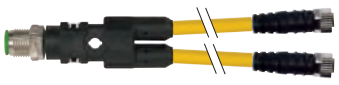
Cable type	Cable Length	AWG	Jacket color	Part.-No.
PUR/PVC	0.6 m	22	yellow	7000-40121-0240060
PUR/PVC	1.0 m	22	yellow	7000-40121-0240100
PUR/PVC	1.5 m	22	yellow	7000-40121-0240150
PUR/PVC	2.0 m	22	yellow	7000-40121-0240200
PUR/PVC	5.0 m	22	yellow	7000-40121-0240500
High Flex PUR	0.6 m	22	gray	7000-40121-2340060
High Flex PUR	1.0 m	22	gray	7000-40121-2340100
High Flex PUR	1.5 m	22	gray	7000-40121-2340150
High Flex PUR	2.0 m	22	gray	7000-40121-2340200
High Flex PUR	5.0 m	22	gray	7000-40121-2340500

Y-distributor, M12 – M12



Cable type	Cable Length	AWG	Jacket color	Part.-No.
PVC	0.15 m	22	yellow	7000-40701-0130015
PVC	0.3 m	22	yellow	7000-40701-0130030
PVC	0.6 m	22	yellow	7000-40701-0130060
PVC	1.0 m	22	yellow	7000-40701-0130100

Y-distributor, M12 – M8



Cable type	Cable Length	AWG	Jacket color	Part.-No.
PUR/PVC	0.3 m	22	yellow	7000-40821-0200030
PUR/PVC	0.6 m	22	yellow	7000-40821-0200060
PUR/PVC	1.0 m	22	yellow	7000-40821-0200100
PUR/PVC	1.5 m	22	yellow	7000-40821-0200150

Please consult our Master Catalog or visit the Web for additional products not listed in this catalog.

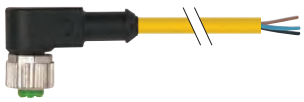
SINGLE ENDED M12 CORD SET (MICRO) – 3-POLE

female, straight, 3-pole



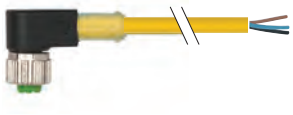
Cable type	Cable Length	AWG	Jacket color	Part.-No.
PVC	5.0 m	22	yellow	7000-12181-0130500
PUR	5.0 m	22	yellow	7000-12181-0230500
PVC	5.0 m	22	gray	7000-12181-2130500
PUR	5.0 m	22	gray	7000-12181-2230500

female, 90°, 3-pole



Cable type	Cable Length	AWG	Jacket color	Part.-No.
PVC	5.0 m	22	yellow	7000-12321-0130500
PUR	5.0 m	22	yellow	7000-12321-0230500
PVC	5.0 m	22	gray	7000-12321-2130500
PVC	10.0 m	22	gray	7000-12321-2131000
PUR	5.0 m	22	gray	7000-12321-2230500

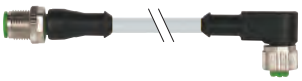
female, 90°, 3-pole with 2x LED



Cable type	Cable Length	AWG	Jacket color	Part.-No.
PVC	5.0 m	22	yellow	7000-12381-0130500
PUR	5.0 m	22	gray	7000-12381-2230500

DOUBLE ENDED M12 CORD SET (MICRO) – 3-POLE

male straight to female 90°, 3-pole with 2-x-LED (PNP)



Cable type	Cable Length	AWG	Jacket color	Part.-No.
PUR/PVC	0.6 m	22	gray	7000-40321-2230060
PUR/PVC	1.0 m	22	gray	7000-40321-2230100
PUR/PVC	3.0 m	22	gray	7000-40321-2230300
PUR/PVC	5.0 m	22	gray	7000-40321-2230500

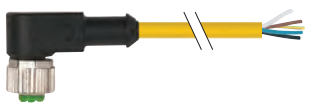
SINGLE ENDED M12 CORD SET (MICRO) – 5-POLE

female, straight, 5-pole



Cable type	Cable Length	AWG	Jacket color	Part.-No.
PVC	5.0 m	22	yellow	7000-12241-0150500
PVC	10.0m	22	yellow	7000-12241-0151000
PUR	5.0 m	22	yellow	7000-12241-0250500
PUR	10.0 m	22	yellow	7000-12241-0251000
PVC	5.0 m	22	gray	7000-12241-2150500
PVC	10.0 m	22	gray	7000-12241-2151000
PUR	5.0 m	22	gray	7000-12241-2250500
PUR	10.0 m	22	gray	7000-12241-2251000

female, 90°, 5-pole



Cable type	Cable Length	AWG	Jacket color	Part.-No.
PVC	5.0 m	22	yellow	7000-12361-0150500
PVC	10.0m	22	yellow	7000-12361-0151000
PVC	5.0 m	22	gray	7000-12361-2150500
PUR	5.0 m	22	gray	7000-12361-2250500
PUR	10.0 m	22	gray	7000-12361-2251000

For additional details and products please contact your local area representative.

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FIELD WIREABLE CONNECTORS M12 (MICRO) – INSULATION DISPLACEMENT TECHNOLOGY

male



female



Part.-No.	Type-No.	Type-No.	Type-No.	Type-No.
7000- ***** -0000000	12461	12481	12581	12601
Pole	3-pole (MALE)	4-pole (MALE)	3-pole (FEMALE)	4-pole (FEMALE)

Slim-Line male



Slim-Line female



Part.-No.	Type-No.	Type-No.
7000- ***** -0000000	12491	12611
Pole	4-pole (MALE)	4-pole (FEMALE)

female



Part.-No.	Type-No.
7000- ***** -0000000	12641
Pole	4-pole (FEMALE)

male 90°



female 90°



Part.-No.	Type-No.	Type-No.
7000- ***** -0000000	12561	12681
Pole	4-pole (MALE)	4-pole (FEMALE)

Complete the Part.-No. with the Type-No.

FIELD WIREABLE CONNECTORS M12 (MICRO) – SCREW TERMINALS

male



female



Part.-No.	Type-No.	Type-No.	Type-No.	Type-No.	Type-No.	Type-No.	Type-No.
7000- ***** -0000000	12701	12721	12901	12741	12761	12961	17321
Pole	4-pole (MALE)	5-pole (MALE)	4-pole (FEMALE)	4-pole (MALE)	5-pole (MALE)	5-pole (FEMALE)	8-pole (FEMALE)
Clamping range	4…6 mm	4…6 mm	4…6 mm	6…8 mm	6…8 mm	6…8 mm	6…8 mm

male 90°



Part.-No.	Type-No.
7000- ***** -0000000	12821
Pole	4-pole (MALE)
Clamping range	4…6 mm

Y-connector



Part.-No.	Type-No.	Type-No.
7000- ***** -0000000	12781	12801
Pole	4-pole (MALE)	5-pole (MALE)
Clamping range	2.1…5/4…5 mm	

Complete the Part.-No. with the Type-No.

Please consult our Master Catalog or visit the Web for additional products not listed in this catalog.

T-SPLITTER M12 TO M12 (MICRO)

T-coupler



T-coupler Slim-Line



Part.-No.	Type-No.	Type-No.	Type-No.	Type-No.	Type-No.
7000- ***** -0000000	41121	41181	41131	41191	41135
Pole	5-pole	5-pole	5-pole (slim-line)	5-pole (slim-line)	5-pole (slim-line) LED

Complete the Part.-No. with the Type-No.

RECEPTACLES M12 (MICRO)

M12



Part.-No.	Type-No.	Type-No.
7000- ******** 0020	13501-971	13521-972
Pole	4-pole (MALE)	5-pole (MALE)
Mounting nut required	7000-13581-000 000	

M12



Part.-No.	Type-No.	Type-No.
7000- ******** 0020	13541-971	13561-972
Pole	4-pole (FEMALE)	5-pole (FEMALE)
Mounting nut required	7000-13581-000 000	

M12



Part.-No.	Type-No.
7000- ******** 0000	42111-000
Pole	5-pole (FEMALE/MALE)
Mounting nut required	7000-13581-000 000

Complete the Part.-No. with the Type-No.

ROUND PLUG CONNECTOR M12

M12 - M12 straight male, straight female, 8-pole



Cable type	Cable Length	AWG	Jacket color	Part.-No.
PUR	0.6 m	22	gray	**7000-48001-2920060**
PUR	1.0 m	22	gray	**7000-48001-2920100**
PUR	2.0 m	22	gray	**7000-48001-2920200**
PUR	4.0 m	22	gray	**7000-48001-2920400**
PUR	5.0 m	22	gray	**7000-48001-2920500**
PUR	6.0 m	22	gray	**7000-48001-2920600**
PUR	8.0 m	22	gray	**7000-48001-2920800**
PUR	10.0 m	22	gray	**7000-48001-2921000**

For additional details and products please contact your local area representative.

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DISTRIBUTION BOXES M12 – EXACT12

Exact12, 4-way, 4-pole



	Part.-No.	Part.-No.	Part.-No.	Part.-No.
	8000-84410-3330300	8000-84410-3330500	8000-84410-3331000	8000-84410-3331500
General	M12 female 4-pole	M12 female 4-pole	M12 female 4-pole	M12 female 4-pole
Cable length	3.0 m	5.0 m	10.0 m	15.0 m
Homerun cable	PUR/PVC 4 x 0.34/ 3 x 0.75 mm²			

Exact12, 4-way, 5-pole



	Part.-No.	Part.-No.	Part.-No.	Part.-No.
	8000-84510-3630300	8000-84510-3630500	8000-84510-3631000	8000-84510-3631500
General	M12 female 5-pole	M12 female 5-pole	M12 female 5-pole	M12 female 5-pole
Cable length	3.0 m	5.0 m	10.0 m	15.0 m
Homerun cable	PUR/PVC 8 x 0.34/ 3 x 0.75 mm²			

Exact12, 8-way, 4-pole



	Part.-No.	Part.-No.	Part.-No.	Part.-No.
	8000-88410-3620300	8000-88410-3620500	8000-88410-3621000	8000-88410-3621500
General	M12 female 4-pole	M12 female 4-pole	M12 female 4-pole	M12 female 4-pole
Cable length	3.0 m	5.0 m	10.0 m	15.0 m
Homerun cable	PUR/PVC 8 x 0.34/ 3 x 0.75 mm²			

Exact12, 8-way, 5-pole



	Part.-No.	Part.-No.	Part.-No.	Part.-No.
	8000-88510-3980300	8000-88510-3980500	8000-88510-3981000	8000-88510-3981500
General	M12 female 5-pole	M12 female 5-pole	M12 female 5-pole	M12 female 5-pole
Cable length	3.0 m	5.0 m	10.0 m	15.0 m
Homerun cable	PUR/PVC 16 x 0.34/ 3 x 0.75 mm²			

Exact12, 8-way, with field wireable cap plug



	Part.-No.	Part.-No.
	8000-88450-0000000	8000-88550-0000000
General	M12 female 4-pole	M12 female 5-pole
Ordering data	for cable diameter 8.5…14.0 mm	

Exact12 Plug with integrated cable, 4-/5-pole



Ordering Data	Part.-No.	Part.-No.
	4027022	4027036
General	8-way, 4-pole	8-way, 5-pole
Info	cable length 5m	cable length 5m
Cap with cable	PUR/PVC 8 x 0.34 /3 x 0.75 mm²	PUR/PVC 16 x 0.34 /3 x 0.75 mm²

M12 Multi Pole Homerun Connector



Ordering Data	Part.-No.	Part.-No.	Part.-No.
	8000-84470-0000000	8000-84460-0000000	8000-88460-0000000
General	4-way, 4-pole	4-way, 5-pole	8-way, 4-pole
Cable Type	8 Pole, M12	12 Pole, M12	12 Pole, M12
	PNP with LED	PNP with LED	PNP with LED

Please consult our Master Catalog or visit the Web for additional products not listed in this catalog.

DISTRIBUTION BOXES M12 – MVP12

MVP12, 8-way, PNP, 5-pole



Ordering Data	Part.-No.	Part.-No.	Part.-No.	Part.-No.
	27035	27036	27037	27038
General	M12 female 5-pole	M12 female 5-pole	M12 female 5-pole	M12 female 5-pole
Homerun cable	PUR/PVC 16 x 0.34 /3 x 0.75 mm²			
Cable length	3.0 m	5.0 m	10.0 m	15.0 m

MVP12, 8-way, NPN, 4-/5-pole



Ordering Data	Part.-No.	Part.-No.
	276564	276565
General	8-way, for NPN-signals	8-way, for NPN-signals
	M12 female, 4-pole	M12 female, 5-pole

MVP12 Cap with integrated cable, 4/5-pole



Ordering Data	Part.-No.	Part.-No.
	4027022	4027036
General	8-way, 4-pole	8-way, 5-pole
Info	cable length 5m	
Cap with cable	PUR/PVC 8 x 0.34 /3 x 0.75 mm²	PUR/PVC 8 x 0.34 /3 x 0.75 mm²

MVP12 Cap with screw plug terminals



Ordering Data	Part.-No.
	4127775
General	4-, 6-, 8-way
Info	with screw plug terminals

For additional details and products please contact your local area representative.

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DISTRIBUTION BOXES M12 – MVC

MVC, 4-way, 5-pole



Ordering Data	Part.-No.	Part.-No.	Part.-No.	Part.-No.
	27832	27833	27834	27835
General	M12 female 5-pole	M12 female 5-pole	M12 female 5-pole	M12 female 5-pole
Homerun cable	PUR/PVC 8 x 0.34 /3 x 0.75 mm²			
Cable length	3.0 m	5.0 m	10.0 m	15.0 m

MVC, 6-way, 5-pole



Ordering Data	Part.-No.	Part.-No.	Part.-No.	Part.-No.
	27842	27843	27844	27845
General	M12 female 5-pole	M12 female 5-pole	M12 female 5-pole	M12 female 5-pole
Homerun cable	PUR/PVC 12 x 0.34 /3 x 0.75 mm²			
Cable length	3.0 m	5.0 m	10.0 m	15.0 m

MVC, 8-way, 5-pole



Ordering Data	Part.-No.	Part.-No.	Part.-No.	Part.-No.
	27852	27853	27854	27855
General	M12 female 5-pole	M12 female 5-pole	M12 female 5-pole	M12 female 5-pole
Homerun cable	PUR/PVC 16 x 0.34 /3 x 0.75 mm²			
Cable length	3.0 m	5.0 m	10.0 m	15.0 m

MVC with 12- or 19-pole connector M23, 8-way, 5-pole



Ordering Data	Part.-No.	Part.-No.	Part.-No.	
	27765	27784	27785	
General	M12 female 5-pole	M12 female 5-pole	M12 female 5-pole	
Connector M23	12-pole	19-pole	19-pole, 90°	
LED	green = power, yellow = signal			

Please consult our Master Catalog or visit the Web for additional products not listed in this catalog.

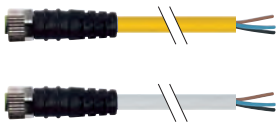
SINGLE ENDED M8 CORD SETS (PICO) – 3- AND 4-POLE

male straight, 3-pole



Cable type	Cable Length	AWG	Jacket color	Part.-No.
PVC	5.0 m	24	yellow	7000-08001-0100500
PVC	5.0 m	24	gray	7000-08001-2100500
PUR	5.0 m	24	gray	7000-08001-2200500

female straight, 3-pole



Cable type	Cable Length	AWG	Jacket color	Part.-No.
PVC	3.0 m	24	yellow	7000-08041-0100300
PVC	5.0 m	24	yellow	7000-08041-0100500
PVC	10.0 m	24	yellow	7000-08041-0101000
PUR	5.0 m	24	yellow	7000-08041-0200500
High Flex PUR	5.0 m	24	yellow	7000-08041-0300500
PVC	5.0 m	24	gray	7000-08041-2100500
PVC	10.0 m	24	gray	7000-08041-2101000
PUR	3.0 m	24	gray	7000-08041-2200300
PUR	5.0 m	24	gray	7000-08041-2200500
PUR	10.0 m	24	gray	7000-08041-2201000
High Flex PUR	3.0 m	24	gray	7000-08041-2300300
High Flex PUR	5.0 m	24	gray	7000-08041-2300500
High Flex PUR	10.0 m	24	gray	7000-08041-2301000
PVC	5.0 m	24	black	7000-08041-6100500
PUR	5.0 m	24	black	7000-08041-6200500

male straight, 4-pole



Cable type	Cable Length	AWG	Jacket color	Part.-No.
PVC	5.0 m	24	yellow	7000-08011-0110500
PVC	5.0 m	24	gray	7000-08011-2110500

female, straight, 4-pole



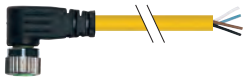
Cable type	Cable Length	AWG	Jacket color	Part.-No.
PVC	5.0 m	24	yellow	7000-08061-0110500
PVC	5.0 m	24	gray	7000-08061-2110500
PVC	5.0 m	24	gray	7000-08061-2210500

female, 90°, 3-pole



Cable type	Cable Length	AWG	Jacket color	Part.-No.
PVC	5.0 m	24	yellow	7000-08081-0100500
PUR	5.0 m	24	gray	7000-08081-2200500

female, 90°, 4-pole



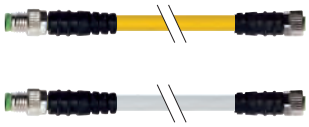
Cable type	Cable Length	AWG	Jacket color	Part.-No.
PVC	5.0 m	24	yellow	7000-08101-0110500
PUR	5.0 m	24	gray	7000-08101-2110500

For additional details and products please contact your local area representative.

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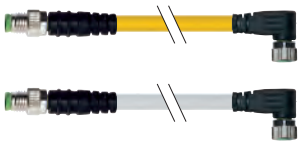
MALE-FEMALE EXTENSION CORD M8 (PICO) – 3-POLE

M8 male, straight to M8 female, straight, 3-pole



Cable type	Cable Length	AWG	Jacket color	Part.-No.
PVC	0.3 m	24	yellow	7000-88001-0100030
PVC	0.6 m	24	yellow	7000-88001-0100060
PVC	1.0 m	24	yellow	7000-88001-0100100
PVC	1.5 m	24	yellow	7000-88001-0100150
PVC	2.0 m	24	yellow	7000-88001-0100200
PUR	0.3 m	24	yellow	7000-88001-0200030
PUR	0.6 m	24	yellow	7000-88001-0200060
PUR	1.0 m	24	yellow	7000-88001-0200100
PUR	1.5 m	24	yellow	7000-88001-0200150
PUR	2.0 m	24	yellow	7000-88001-0200200
PUR	3.0 m	24	yellow	7000-88001-0200300
High Flex PUR	1.0 m	24	yellow	7000-88001-0300100
High Flex PUR	1.5 m	24	yellow	7000-88001-0300150
High Flex PUR	2.0 m	24	yellow	7000-88001-0300200
High Flex PUR	5.0 m	24	yellow	7000-88001-0300500
PUR	0.3 m	24	gray	7000-88001-2200030
PUR	0.6 m	24	gray	7000-88001-2200060
PUR	1.0 m	24	gray	7000-88001-2200100
PUR	1.5 m	24	gray	7000-88001-2200150
PUR	2.0 m	24	gray	7000-88001-2200200
PUR	5.0 m	24	gray	7000-88001-2200500

M8 male, straight to M8 female, 90°,



Cable type	Cable Length	AWG	Jacket color	Part.-No.
PVC	0.6 m	24	yellow	7000-88021-0100060
PVC	1.0 m	24	yellow	7000-88021-0100100
PVC	2.0 m	24	yellow	7000-88021-0100200
High Flex PUR	1.0 m	24	yellow	7000-88021-0300100
High Flex PUR	1.5 m	24	yellow	7000-88021-0300150
High Flex PUR	2.0 m	24	yellow	7000-88021-0300200
PUR	0.3 m	24	gray	7000-88021-2200030
PUR	0.6 m	24	gray	7000-88021-2200060
PUR	1.0 m	24	gray	7000-88021-2200100
PUR	1.5 m	24	gray	7000-88021-2200150
PUR	2.0 m	24	gray	7000-88021-2200200
PUR	3.0 m	24	gray	7000-88021-2200300

M8 male, straight to M12 female straight, 3-pole



Cable type	Cable Length	AWG	Jacket color	Part.-No.
PUR	0.3 m	24	gray	7000-88241-2200030
PUR	0.6 m	24	gray	7000-88241-2200060
PUR	1.0 m	24	gray	7000-88241-2200100
PUR	1.5 m	24	gray	7000-88241-2200150
PUR	2.0 m	24	gray	7000-88241-2200200

M8 male, straight to M12 female 90°,



Cable type	Cable Length	AWG	Jacket color	Part.-No.
PUR	0.3 m	24	gray	7000-88261-2200030
PUR	0.6 m	24	gray	7000-88261-2200060
PUR	1.0 m	24	gray	7000-88261-2200100
PUR	1.5 m	24	gray	7000-88261-2200150
PUR	2.0 m	24	gray	7000-88261-2200200

Please consult our Master Catalog or visit the Web for additional products not listed in this catalog.

FIELD WIREABLE CONNECTORS M8 (PICO) – INSULATION DISPLACEMENT TECHNOLOGY

IDC – male, straight



Part.-No.	Type-No.	Type-No.
7000- *****- 0000000	08321	08341
Pole	3-pole (MALE)	4-pole (MALE)
AWG	24…20	

IDC – female, straight



Part.-No.	Type-No.	Type-No.
7000- *****- 0000000	08361	08381
Pole	3-pole (MALE)	4-pole (MALE)
AWG	24…20	

IDC – male, straight



Part.-No.	Type-No.
7000- 08331- 0000000	08331
Pole	3-pole (MALE)
AWG	26…22

FIELD WIREABLE CONNECTORS M8 (PICO) – SOLDER PINS

Solder Pins – male, straight



Part.-No.	Type-No.
7000- 08401- 0000000	08401
Pole	3-pole (MALE)
AWG	max. 24

Solder Pins – male, 90°



Part.-No.	Type-No.
7000- 08441- 0000000	08441
Pole	3-pole (MALE)
AWG	max. 24

Complete the Part.-No. with the Type-No.

RECEPTACLES M8 (PICO)

Male



Part.-No.	Type-No.	Type-No.
7000- ******** -0020	08551-970	08561-971
Pole	3-pole (MALE)	4-pole (MALE)
Mounting nut required	7000-08591-0000000	

Female



Part.-No.	Type-No.	Type-No.
7000- ******** -0020	08571-970	08581-971
Pole	3-pole (FEMALE)	4-pole (FEMALE)
Mounting nut required	7000-08591-0000000	

Complete the Part.-No. with the Type-No.

For additional details and products please contact your local area representative.

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DISTRIBUTION BOXES M8 - EXACT8

EXACT8, 4-way



Ordering Data	Part.-No.
	8000-84010-3370500
General	M8 female 3-pole
Homerun cable	PUR/PVC 4 x 0.34 + 2 x 0.75 mm²
Cable length	5.0 m

EXACT8, 8-way



Ordering Data	Part.-No.	Part.-No.
	8000-88010-3590500	8000-88010-3591000
General	M8 female 3-pole	M8 female 3-pole
Homerun cable	PUR/PVC 8 x 0.34 + 2 x 0.75 mm²	
Cable length	5.0 m	10.0 m

EXACT8, 10-way



Ordering Data	Part.-No.	Part.-No
	8000-80010-3840500	8000-80010-3841000
General	M8 female 3-pole	M8 female 3-pole
Homerun cable	PUR/PVC 10 x 0.34 + 2 x 0.75 mm²	
Cable length	5.0 m	10.0 m

EXACT8. 4-wav



Ordering Data	Part.-No.
	8000-84070-0000000
General	M8 female 3-pole
Plug connector M12	8-Pole

EXACT8, 6-way



Ordering Data	Part.-No.
	8000-86070-0000000
General	M8 female 3-pole
Plug connector M12	8-pole

ROUND PLUG CONNECTOR M12

M12 - M12 straight male, straight female, 8-pole



Cable type	Cable Length	AWG	Jacket color	Part.-No.
PUR	0.6 m	22	gray	**7000-48001-2920060**
PUR	1.0 m	22	gray	**7000-48001-2920100**
PUR	2.0 m	22	gray	**7000-48001-2920200**
PUR	4.0 m	22	gray	**7000-48001-2920400**
PUR	5.0 m	22	gray	**7000-48001-2920500**
PUR	6.0 m	22	gray	**7000-48001-2920600**
PUR	8.0 m	22	gray	**7000-48001-2920800**
PUR	10.0 m	22	gray	**7000-48001-2921000**

Please consult our Master Catalog or visit the Web for additional products not listed in this catalog.

| ACCESSORIES

M12 Torque Wrench



Ordering Data	Part.-No.
	7000-99102-0000000
Description	mounting accessories, torque calibrated 0.6 Nm
Suitable for	M12 cord set

M8 Torque Wrench



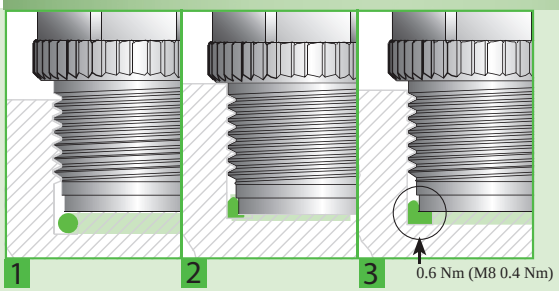
Ordering Data	Part.-No.
	7000-99101-0000000
Description	mounting accessories, torque calibrated 0.4 Nm
Suitable for	M8 cord set

T-Splitter Holder



Ordering Data	Part.-No.
	7000-99062-0000000
Description	mounting accessories
Suitable for	M12 and M12 T-splitter

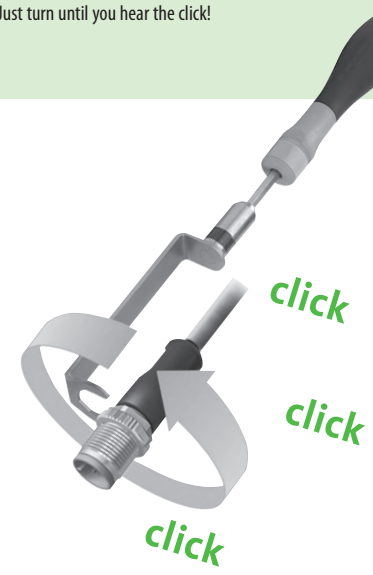
| AUDIBLY SEALED, SIMPLE AND SAFE



- No more sore fingers!
- Tight connections right up to the last connector, even with fully loaded distribution boxes!
- Just turn until you hear the click!

The practical torque wrench connects all Murrelektronik M12 and M8 connectors simply and tightly, leaving no room for error.

1 Connector is not screwed tight. Medium can therefore penetrate between connector and O-ring.
2 Connector is screwed too tight. O-ring is destroyed and medium can penetrate between connector and O-ring.
3 M12 connector is best tightened to 0.6 Nm (only 0.4 Nm for M8). Then it's medium-tight!



For additional details and products please contact your local area representative.

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VALVE PLUG TERMINAL SELECTION CHART

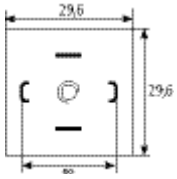


Murrelektronik Valve Plug

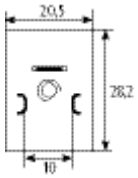
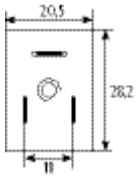
Murrelektronik offers a wide range of high quality valve plugs

- Molded cables with led and supression
- Available M12 termination for easy connection
- Captured screw and gasket
- IP67 Rated

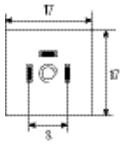
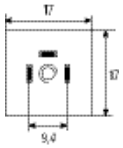


Scale drawing	Form	Description
	Form A	acc. to EN 175301-803 (ISO 4400) pin spacing 18 mm



Scale drawing	Form	Description
	Form B	acc. to EN 175301-803 (ISO 6952) pin spacing 10 mm
	Form BI	Industrial standard pin spacing 11 mm



Scale drawing	Form	Description
	Form C	acc. to EN 175301-803 (ISO 6952) pin spacing 8 mm
	Form CI	Industrial standard pin spacing 9.4 mm

Please consult our Master Catalog or visit the Web for additional products not listed in this catalog.

VALVE CONNECTORS WITH MOLDED CABLE - WITH FLYING LEADS

Form A, (18 mm), 24 V AC/DC LED



Cable type	Cable Length	AWG	Jacket color	Part.-No.
PVC	3.0 m	18	gray	7000-18001-2160300
PVC	5.0 m	18	gray	7000-18001-2160500

Form A, (18 mm), 24 V AC/DC LED and Suppr.



Cable type	Cable Length	AWG	Jacket color	Part.-No.
PVC	1.5 m	18	yellow	7000-18021-0160150
PVC	3.0 m	18	yellow	7000-18021-0160300
PVC	5.0 m	18	yellow	7000-18021-0160500
PVC	1.5 m	18	gray	7000-18021-2160150
PVC	3.0 m	18	gray	7000-18021-2160300
PVC	5.0 m	18	gray	7000-18021-2160500
PVC	10.0 m	18	gray	7000-18021-2161000
PVC	3.0 m	18	black	7000-18021-6160300
PVC	5.0 m	18	black	7000-18021-6160500

Form A, (18 mm), 110 V AC/DC LED and Suppr.



Cable type	Cable Length	AWG	Jacket color	Part.-No.
PVC	1.5 m	18	yellow	7000-18041-0160150
PVC	3.0 m	18	yellow	7000-18041-0160300
PVC	5.0 m	18	yellow	7000-18041-0160500
PVC	1.5 m	18	gray	7000-18041-2160150
PVC	3.0 m	18	gray	7000-18041-2160300
PVC	5.0 m	18	gray	7000-18041-2160500
PVC	10.0 m	18	gray	7000-18041-2161000
PVC	3.0 m	18	black	7000-18041-6160300
PVC	5.0 m	18	black	7000-18041-6160500

Form A, (18 mm), 0...230 V AC/DC, no LED



Cable type	Cable Length	AWG	Jacket color	Part.-No.
PVC	3.0 m	18	gray	7000-18081-2160300
PVC	5.0 m	18	gray	7000-18081-2160500
High Flex PUR	3.0 m	18	gray	7000-18081-2360300
High Flex PUR	5.0 m	18	gray	7000-18081-2360500

Form A, (18 mm), 24 V DC, LED red/ green



Cable type	Cable Length	AWG	Jacket color	Part.-No.
PVC	3.0 m	18	gray	7000-18121-2180300
PVC	5.0 m	18	gray	7000-18121-2180500
PVC	10.0 m	18	gray	7000-18121-2181000

For additional details and products please contact your local area representative.

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VALVE CONNECTORS WITH MOLDED CABLE - WITH FLYING LEADS

Form BI, (11mm) without LED and Suppression



Cable type	Cable Length	AWG	Jacket color	Part.-No.
PVC	3.0 m	18	gray	7000-11061-2160300
PVC	5.0 m	18	black	7000-11061-6160300

Form BI, (11 mm), 24 V AC/DC, LED and Suppr.



Cable type	Cable Length	AWG	Jacket color	Part.-No.
PVC	3.0 m	18	gray	7000-11021-2160300
PVC	5.0 m	18	gray	7000-11021-2160500
PVC	10.0 m	18	gray	7000-11021-2161000

Form BI, (11 mm), 110 V AC/DC, LED and Suppr.



Cable type	Cable Length	AWG	Jacket color	Part.-No.
PVC	3.0 m	18	gray	7000-11041-2160300
PVC	5.0 m	18	gray	7000-11041-2160500
PVC	10.0 m	18	gray	7000-11041-2161000

Form BI, (11 mm), 24 V AC/DC, LED and Suppr.180°, PE opposite cable entry



Cable type	Cable Length	AWG	Jacket color	Part.-No.
PVC	3.0 m	18	gray	7000-11081-2160300
PVC	5.0 m	18	gray	7000-11081-2160500
PVC	10.0 m	18	gray	7000-11081-2161000

Form C, (8 mm), 24 V AC/DC, LED and Suppr.



Cable type	Cable Length	AWG	Jacket color	Part.-No.
PVC	3.0 m	18	gray	7000-80021-2160300
PVC	5.0 m	18	gray	7000-80021-2160500
PVC	10.0 m	18	gray	7000-80021-2161000

Form C, (8 mm), 110 V AC/DC, LED and Suppr.



Cable type	Cable Length	AWG	Jacket color	Part.-No.
PVC	3.0 m	18	gray	7000-80041-2160300
PVC	5.0 m	18	gray	7000-80041-2160500
PVC	10.0 m	18	gray	7000-80041-2161000

Form CI, (9.4 mm), 24 V AC/DC, LED and Suppr.



Cable type	Cable Length	AWG	Jacket color	Part.-No.
PVC	1.5 m	18	gray	7000-94021-2160150
PVC	3.0 m	18	gray	7000-94021-2160300
PVC	5.0 m	18	gray	7000-94021-2160500
PVC	3.0 m	18	black	7000-94021-6160300
PVC	5.0 m	18	black	7000-94021-6160500

Form CI, (9.4 mm), 110 V AC/DC, LED and Suppr.



Cable type	Cable Length	AWG	Jacket color	Part.-No.
PVC	1.5 m	18	gray	7000-94041-2160150
PVC	3.0 m	18	gray	7000-94041-2160300
PVC	5.0 m	18	gray	7000-94041-2160500
PVC	3.0 m	18	black	7000-94041-6160300

Please consult our Master Catalog or visit the Web for additional products not listed in this catalog.

VALVE CONNECTORS WITH MOLDED CABLE - WITH FLYING LEADS

Form CI, (9.4mm) without LED and Suppression



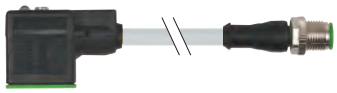
Cable type	Cable Length	AWG	Jacket color	Part.-No.
PVC	3.0 m	18	gray	**7000-94061-2160300**
PVC	3.0 m	18	black	**7000-94061-6160300**

Form CI, (9.4mm) no electronics

Cable type	Cable Length	AWG	Jacket color	Part.-No.
PVC	3.0 m	18	gray	**7000-94008-2160300**
PVC	3.0 m	18	black	**7000-94001-6160300**

VALVE CONNECTORS – M12

Form A (18 mm), male M12, straight,



Cable type	Cable Length	AWG	Jacket color	Part.-No.
PUR	0.6 m	18	yellow	**7000-40881-0260100**
PUR	1.0 m	18	gray	**7000-40881-2260100**
PUR	1.5 m	18	gray	**7000-40881-2260150**
PUR	2.0 m	18	gray	**7000-40881-2260200**

VALVE CONNECTORS FIELD-WIREABLE

Form A, field-wireable



Part.-No.	Type-No.	Type-No.	Type-No.	Type-No.
7000- *****- 0000000	29021	29101	29261	29421
Voltage	24 V AC/DC	110 V AC/DC	230 V AC/DC	24…230 V AC/DC
	LED and Z-diode	LED and VDR	without electronics	without electronics

Complete the Part.-No. with the Type-No.

Form A (18 mm), field-wireable



Part.-No.	Type-No.	Type-No.
7000- *****- 0000000	41261	41421
Voltage	125 V AC/DC	24 V AC/DC
	M12 top entry, 3-pole, without electronics	M12 at the rear, with LED and suppression

Complete the Part.-No. with the Type-No.

SVS ECO VALVE PLUGS

Field-wireable



Art.-No.	Form	Poles	Nominal voltage	Operating current	Protection
7000-29245-0000000	A (18 mm)	2 + PE	0-230 V AC/DC	10 A	IP65
7000-29405-0000000	A (18 mm)	3 + PE	0-230 V AC/DC	10 A	IP65
7000-29765-0000000	B (10 mm)	2 + PE	0-230 V AC/DC	10 A	IP65
7000-30005-0000000	BI (11 mm)	2 + PE	0-230 V AC/DC	10 A	IP65
7000-30055-0000000	C (8 mm)	2 + PE	0-230 V AC/DC	6 A	IP65
7000-30155-0000000	CI (9.4 mm)	2 + PE	0-230 V AC/DC	6 A	IP65

For additional details and products please contact your local area representative.

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SWITCH MODE POWER SUPPLIES SINGLE-PHASE

Eco Rail



Ordering Data		Part.-No.	Part.-No.	Part.-No.	Part.-No.
15 W	24 V DC/ 1.3 A	85301			
60 W	24 V DC/ 2.5 A		85302		
120 W	24 V DC/ 5 A			85303	
240 W	24 V DC/10 A				85305
Input Voltage		90…264 V AC		90…132 V AC/173…264 V AC	
Output Voltage		23…28 V DC			
Nom. output current		1.3 A	2.5 A	5 A	10 A
Dimension	(H x W x D x TA)	125 x 50 x 70 x 9 mm	125 x 50 x 80 x 9 mm	125 x 50 x 125 x 9 mm	125 x 72 x 125 x 9 mm
Weight		0.37 kg	0.49 kg	0.79 kg	1.0 kg

MCS-B, 5 V DC



Ordering Data		Part.-No.
15 W	5 V DC/ 3 A	85371
Input Voltage		95…265 V AC; 110…300 V DC
Output Voltage		5 V DC SELV, ± 1 %, 4.2…6 V adjustable
Nom. output current		3 A (+40 °C), 2.5 A (+55 °C)
Dimension	(H x W x D x TA)	76 x 38 x 80 x 7.5 mm
Weight		0.16 kg

MCS-B, 24 V DC



Ordering Data		Part.-No.	Part.-No.	Part.-No.
15 W	24 V DC/ 0.6 A	85160		
30 W	24 V DC/ 1.3 A		85161	
60 W	24 V DC/ 2.5 A			85162
Input Voltage		95...265 V AC; 110...300 V DC		95...265 V AC
Output Voltage		24 V DC SELV, - 1 % / + 3%, 22,5…28 V adjustable		
Nom. output current		0.6 A (+50 °C), 0.5 A (+60 °C)	1.3 A (+60 °C,Uin > 170 V AC)	2.5 A (+40 °C), 2.0 A (+55 °C)
Dimension	(H x W x D x TA)	76 x 38 x 80 x 7.5 m		76 x 38 x 100.5 x 7.5 mm
Weight		0.11 kg	0.16 kg	0.23 kg

MCS-B, 24 V DC



Ordering Data		Part.-No.	Part.-No.	Part.-No.
120 W	24 V DC/ 5 A	85163		
180 W	24 V DC/ 7.5 A		85164	
240 W	24 V DC/ 10 A			85165
Input Voltage		100...265 V AC		
Output Voltage		24 V DC SELV, - 1 % / + 3%, 22,5…28 V adjustable		
Nom. output current		5 A (+40 °C), 4 A (+55 °C)	7.5 A (+40 °C), 6 A (+55 °C)	10 A (+40 °C), 8 A (+55 °C)
Dimension	(H x W x D)	115 x 54 x 125 mm	115 x 54 x 145 mm	128 x 68 x 165 mm
Weight		0.54 kg	0.7 kg	1.0 kg

MCS, 5 V DC/12 V DC



Ordering Data		Part.-No.	Part.-No.
60 W	12 V DC/ 5 A	85040	
30 W	5 V DC/ 6 A		85041
Input Voltage		90…265 V AC, 110…300 V DC	
Output Voltage		12 V DC, SELV ± 1 %; 10…15 V adjustable	5 V DC, SELV ± 1 %; 4…6 V adjustable
Nom. output current		5 A (55 °C), 5…6 A (45 °C)	6 A (60 °C), 6…7.5 A (50 °C)
Dimension	(H x W x D)	107.5 x 42 x 97.5 mm	
Weight		0.45 kg	0.50 kg

Please consult our Master Catalog or visit the Web for additional products not listed in this catalog.

SWITCH MODE POWER SUPPLIES SINGLE-PHASE

MCS, 24 V DC



Ordering Data		Part.-No.	Part.-No.
60 W	24 V DC/ 2.5 A	85064	
72 W	24 V DC/ 3 A		85060
Input Voltage		90…265 V AC, 110…300 V DC	85…265 V AC
Output Voltage		24 V DC, SELV ± 1 %; 20…30 V adjustable	24 V DC, SELV ± 1 %; 24…28 V adjustable
Nom. output current		2.5 A (60 °C), 2.5…3 A (50 °C)	3 A (60 °C), 3.5 A (40 °C)
Dimension (H x W x D)		107.5 x 42 x 97.5 mm	134 x 46 x 104 mm
Weight		0.45 kg	0.79 kg

MCS with PFC, 24 V DC



Ordering Data		Part.-No.	Part.-No.	Part.-No.
120 W	24 V DC/ 5 A	85061		
240 W	24 V DC/ 10 A		85062	
480 W	24 V DC/ 20 A			85063
Input Voltage		95...265 V AC; 125...300 V DC	90...265 V AC;	130…300 V DC
Output Voltage		24 V DC SELV, ± 1 %; 24…28 V adjustable		
Nom. output current		5 A (60 °C); 6 A (40 °C, 110…265 V AC)	10 A (60 °C); 12 A (40 °C, 110…265 V AC)	20 A (60 °C); 24 A (40 °C, 110…265 V AC)
Dimension (H x W x D)		115 x 54 x 151 mm	127 x 68 x 204 mm	209 x 84 x 233 mm
Weight		0.75 kg	1.5 kg	2.7 kg

MCS, 24 V DC



Ordering Data		Part.-No.	Part.-No.	Part.-No.
120 W	24 V DC/ 5 A	85084		
240 W	24 V DC/ 10 A		85086	
480 W	24 V DC/ 20 A			85088
Input Voltage		95...132 V AC		
Output Voltage		24 V DC SELV, ± 1 %; 24…28 V adjustable		
Nom. output current		5 A	10 A	20 A
Dimension (H x W x D)		115 x 54 x 125 mm	127 x 68 x 160 mm	170 x 84 x 201 mm
Weight		0.6 kg	1.2 kg	2.3 kg

MCS, 24 V DC



Ordering Data		Part.-No.	Part.-No.	Part.-No.
120 W	24 V DC/ 5 A	85083		
240 W	24 V DC/ 10 A		85085	
480 W	24 V DC/ 20 A			85087
Input Voltage		185...265 V AC		
Output Voltage		24 V DC SELV, ± 1 %; 24…28 V adjustable		
Nom. output current		5 A	10 A	20 A
Dimension (H x W x D)		115 x 54 x 125 mm	127 x 68 x 160 mm	170 x 84 x 201 mm
Weight		0.6 kg	1.2 kg	2.3 kg

MPS 10/MPS 20 24 V DC



Ordering Data		Part.-No.	Part.-No.
240 W	24 V DC/ 10 A	85054	
480 W	24 V DC/ 20 A		85056
Input Voltage		90…132 V AC	
Output Voltage		24 V DC, SELV ± 1 %; 22…28 V adjustable	
Nom. output current		10 A (60 °C), 12 A (40 °C)	20 A (60 °C), 24 A (40 °C)
Dimension (H x W x D)		132 x 198 x 97 mm	132 x 243 x 123 mm
Weight		1.7 kg	2.5 kg

MPS 10/MPS 20 24 V DC



Ordering Data		Part.-No.	Part.-No.
240 W	24 V DC/ 10 A	85055	
480 W	24 V DC/ 20 A		85057
Input Voltage		185…265 V AC	
Output Voltage		24 V DC, SELV ± 1 %; 22…28 V adjustable	
Nom. output current		10 A (60 °C), 12 A (40 °C)	20 A (60 °C), 24 A (40 °C)
Dimension (H x W x D)		132 x 198 x 97 mm	132 x 243 x 123 mm
Weight		1.7 kg	2.5 kg

For additional details and products please contact your local area representative.

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SWITCH MODE POWER SUPPLIES THREE-PHASE

MCS with PFC 24 V DC



Ordering Data		Part.-No.	Part.-No.
120 W	24 V DC/ 5 A	857814	
240 W	24 V DC/ 10 A		85071
Input Voltage		3 x 360…550 V AC	
Output Voltage		24 V DC, SELV ± 1 %; 24…28 V adjustable	
Nom. output current		5 A (60 °C), 6 A (40 °C)	10 A (60 °C), 12 A (40 °C)
Dimension (H x W x D x TA)		127 x 68 x 178 x 20 mm	
Weight		1.3 kg	

MCS with PFC 24 V DC



Ordering Data		Part.-No.	Part.-No.
480 W	24 V DC/ 20 A	85072	
960 W	24 V DC/ 40 A		85099
Input Voltage		3 x 360…550 V AC	
Output Voltage		24 V DC, SELV ± 1 %; 24…28 V adjustable	
Nom. output current		20 A (60 °C), 24 A (40 °C)	40 A (60 °C), 46 A (40 °C)
Dimension (H x W x D x TA)		209 x 84 x 227 x 20 mm	242 x 106 x 270 mm
Weight		2.3 kg	4.5 kg

MPS 10/20/40 24 V DC



Ordering Data		Part.-No.	Part.-No.	Part.-No.
240 W	24 V DC/ 10 A	85066		
480 W	24 V DC/ 20 A		85068	
960 W	24 V DC/ 40 A			85069
Input Voltage		3 x 360…550 V AC		
Output Voltage		24 V DC SELV, 22…28 V adjustable		
Nom. output current		10 A (60 °C), 12 A (40 °C)	20 A (60 °C); 24 A (40°)	40 A (60 °C), 48 A (40 °C)
Dimension (H x W x D)		132 x 198 x 97 mm	132 x 243 x 123 mm	193 x 282 x 132 mm
Weight		1.8 kg	2.4 kg	5.8 kg

Evolution



Ordering Data		Part.-No.	Part.-No.	Part.-No.	Part.-No.
120 W	24 V DC/ 5	85000			
240 W	24 V DC/ 10		85001		
480 W	24 V DC/ 15			85002	
960 W	24 V DC/ 40				85004
Input Voltage		3 x 324…572 V AC or 480…745 V DC			
Output Voltage		22…28 V DC			
Nom. output current		5 A	10 A	20 A	40 A
Power Boost		7.5	15	30	60
Dimension (H x W x D)		83 x 132 x 98 mm	93 x 132 x 114 mm	113 x 132 x 136 mm	132 x 164 x 142 mm
Weight		1.0 kg	1.3 kg	2.0 kg	3.0 kg

Please consult our Master Catalog or visit the Web for additional products not listed in this catalog.

INTELLIGENT POWER DISTRIBUTION MICO

MICO 2.6 /MICO 4.6 / MICO 4.10



Ordering Data	Part.-No.	Part.-No.	Part.-No.
	9000-41042-0100600	9000-41034-0100600	9000-41034-0401000
Nominal input voltage	24 V DC	24 V DC	24 V DC
Channels	2 channels	4 channels	4 channels
Current adjustment	1A, 2A, 4A, 6A	1A, 2A, 4A, 6A	4A, 6A, 8A, 10A
Alarm Output	potential free alarm output 30 V AC/DC, 100 m A	potential free alarm output 30 V AC/DC, 100 m A	potential free alarm output 30 V AC/DC, 100 m A
Dimension (H x W x D)	90 x 36 x 80 mm	90 x 70 x 80 mm	90 x 70 x 80 mm
Weight	0.090 kg	0.158 kg	0.158 kg

BUFFER MODULE

MB Cap 20/24



Ordering Data	Part.-No.
(SELV/PELV) 24 V DC/ 20 A	85394
Input Voltage	23…30 V DC (SELV/PELV)
Output Voltage	21 V DC, 22…28 V DC
Max. output current Ta	20 A
Current limit	26 A
Buffering Time	0.2 sec / 20 A / 24 V DC… 4 sec / 1 A / 24 V DC
Dimension (H x W x D x TA)	115 x 62 x 145 x 20 mm
Weight	0.66 kg

EMC FILTERS

MEF 1/1



Ordering Data	Part.-No.	Part.-No.
Nominal current I_N (40°C) 10 A	10415	
Nominal current I_N (40°C) 20 A		10416
Supply Voltage	max. 250 V AC, 300 V DC	
Dimension (H x W x D)	107 x 65 x 39 mm	
Description / Applica-	The single-phase, one-stage EMC filters MEF 1/1 are used in the range 0.1…30 MHz to suppress cable carried interference in power and control cabling. The best results are obtained with short connection cables (example: earth connection < 10 cm) of the largest possible cross-section.	

EUROCARD HOLDERS

SKT
SKP

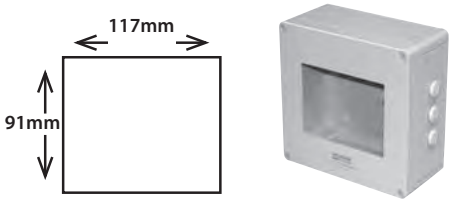


	Part.-No.	Part.-No.
	63512	63020
Form	Form D	Form F
No. of poles / Pin config.	32 pole / row a,c	48 pole / row z, b, d
Supply voltage	250 V AC	250 V AC
Supply current	max. 4 A	max. 4 A
Dimension (H x W x D)	45 x 112 x 145 mm	63 x 140 x 143 mm

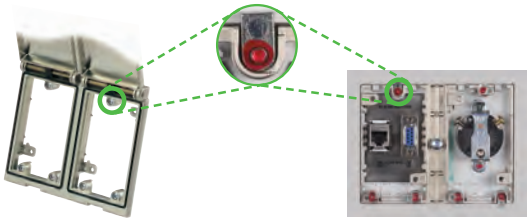
For additional details and products please contact your local area representative.

MODLINK MSDD FRONT PANEL INTERFACES

1. Cut opening into existing control cabinet and install without drilling or tapping



2. Choose a Frame and mount into control cabinet using the CAM lock mounting screws



3. Choose an interface



4. Easily snap the interfaces into the frame



Modlink MSDD frame



Ordering Data	Part.-No.	Part.-No.	Part.-No.	Part.-No.
	4000-68213-0000000	4000-68113-0000000	4000-68223-0000000	4000-68123-0000000
Description	single transparent	single silver	double transparent	double silver
Frame	metal, matte nickel plated	metal, matte nickel plated	metal, matte nickel plated	metal, matte nickel plated
Lid	plastic, transparent, IP65	metal, matte nickel plated	plastic, transparent	metal, matte nickel plated

MODLINK MSDD COMMON SETS

Sets with Single Insert	Power Connection	Communication Connection	Cover Type
4000-68113-0030000	USA NEMA 5-15 w/Solder Terminals		Metal
4000-68113-3240000	USA NEMA 5-15 w/Screw Terminals		Metal
4000-68113-1410000		RJ45 / SUB-D9 Shielded	Metal
4000-68113-1310000		RJ45 / USB	Metal
4000-68213-0030000	USA NEMA 5-15 w/Solder Terminals		Plastic
4000-68213-3240000	USA NEMA 5-15 w/Screw Terminals		Plastic
4000-68213-1410000		RJ45 / SUB-D9 Shielded	Plastic
4000-68213-1310000		RJ45 / SUB-D9	Plastic
4000-68000-4010000	USA NEMA 5-15	RJ45 / SUB-D9	Plastic
4000-68000-4020000	USA NEMA 5-15	RJ45 / SUB-D9	Plastic
4000-68000-4030000	USA NEMA 5-15	RJ45 / SUB-D9	Plastic
4000-68000-4040000	USA NEMA 5-15	RJ45 / SUB-D9	Plastic

Sets with Double Inserts	Power Connection	Communication Connection	Cover Type
4000-68123-0031410	USA NEMA 5-15 w/Solder Terminals	RJ-45 / SUB-D9 Shielded	Metal
4000-68123-3241200	USA NEMA 5-15 w/Screw Terminals	RJ-45 / RJ-45	Metal
4000-68123-3241410	USA NEMA 5-15 w/Screw Terminals	RJ-45 / SUB-D9 Shielded	Metal
4000-68123-3241430	USA NEMA 5-15 w/Screw Terminals	SUB-D9, USB, RJ-45	Metal
4000-68123-3221410	Dual Outlet GFCI w/ Screw Terminals	RJ-45 / SUB-D9 Shielded	Metal
4000-68123-3221200	Dual Outlet GFCI w/ Screw Terminals	RJ-45 / RJ-45	Metal
4000-68223-0031410	USA NEMA 5-15 w/Solder Terminals	RJ-45 / SUB-D9 Shielded	Plastic
4000-68223-3241200	USA NEMA 5-15 w/Screw Terminals	RJ-45 / RJ-45	Plastic
4000-68223-3241410	USA NEMA 5-15 w/Screw Terminals	RJ-45 / SUB-D9 Shielded	Plastic
4000-68223-3241430	USA NEMA 5-15 w/Screw Terminals	SUB-D9, USB, RJ-45	Plastic
4000-68223-3221410	Dual Outlet GFCI w/ Screw Terminals	RJ-45 / SUB-D9 Shielded	Plastic
4000-68223-3221200	Dual Outlet GFCI w/ Screw Terminals	RJ-45 / RJ-45	Plastic

Please consult our Master Catalog or visit the Web for additional products not listed in this catalog.

| MODLINK MSVD CONTROL CABINET PLUG SOCKETS

Control cabinet plug sockets



Ordering Data	Part.-No.
	67900
Type	German, gray
Screw terminals	2 x 6 mm²
Max. nominal voltage	250 V AC
Max. nominal current	16 A
Approvals	VDE

Control cabinet plug sockets



Ordering Data	Part.-No.
	676166
Type	USA (NEMA 5-15)
Screw terminals	max. 2 x AWG14 (2.5mm²)
Max. nominal voltage	127 V AC
Max. nominal current	15 A
Approvals	UL

Control cabinet plug sockets



Ordering Data	Part.-No.
	67982
Type	USA (2 x NEMA 5-15R)
Screw terminals	max. 6 mm²
Max. nominal voltage	125 V AC
Max. nominal current	15 A
Approvals	UL

Control cabinet plug sockets



Ordering Data	Part.-No.
	67980
Type	USA-GFCI (2 x NEMA 5-15R)
Screw terminals	max. 6 mm²
Max. nominal voltage	125 V AC
Max. nominal current	15 A
Approvals	UL

For additional details and products please contact your local area representative.

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RELAYS

MIRO 6.2, Output Relays



Ordering Data	Part.-No.	Part.-No.	Part.-No.	Part.-No.
	52000	52001	52002	52015
Output relay	1 C/O contact	1 C/O contact	1 N/O contact	1 N/O contact
Input voltage	24 V DC	24 V AC/DC	24 V DC	24 V AC/DC
Approvals	UL + CSA	UL + CSA	UL + CSA	cUL
Max. switched voltage	250 V AC/DC			
Max. switched current	6 A (switching capabilities acc. to EN 60947-5-1)			

MIRO 6.2, Output and Input Relays



Ordering Data	Part.-No.	Part.-No.	Part.-No.
	52030 (Output Relay)	52003 (Input Relay)	52004 (Input Relay)
Relay	1 C/O contact	1 C/O contact	1 N/O contact
Input voltage	110 V AC/DC	24 V AC/DC	24 V DC
Approvals	UL + CSA	UL + CSA	UL + CSA
Max. switched voltage	250 V AC/DC	30 V AC/ 36 V DC	
Max. switched current	6 A	50 mA	

MIRO 6.2 pluggable Output Relays



Ordering Data	Part.-No.	Part.-No.
	3000-16013-2100010	3000-16013-3100020
Output relay	1 C/O contact	1 C/O contact
Input voltage	24 V DC	24 V AC/DC
Approvals	cUL	cUL
Max. switched voltage	250 V AC/DC	
Max. switched current	6 A (ask for further information)	

MIRO 12.4, Output Relays



Ordering Data	Part.-No.
	52102
Output relay	2 C/O contacts
Input voltage	24 V DC
Approvals	cUL
Max. switched voltage	250 V AC/DC
Max. switched current	6 A (ask for further information)

RMM, Output Relays



Ordering Data	Part.-No.	Part.-No.
	51851	51551
Output relay	1 relay, 1 N/O contact	1 relay, 1 N/O contact
Input voltage	24 V AC/DC	24 V AC/DC
Max. switched voltage	250 V AC/ 300 V DC	250 V AC/ 300 V DC
Max. switched current	5 A	

RMM, RMMD Input and Output Relays



Ordering Data	Part.-No.	Part.-No.
	51560 (Input Relay)	51120 (Output Relay)
Relay	1 relay, 1 N/O contact	1 relay, 1 C/O contact
Input voltage	24 V AC/DC	24 V DC
Max. switched voltage	125 V AC/DC	250 V AC/DC
Max. switched current	1 A	8 A

Please consult our Master Catalog or visit the Web for additional products not listed in this catalog.

OPTO-COUPLER MODULES

MIRO 6.2, Transistor



Ordering Data	Part.-No.	Part.-No.	Part.-No.
	52500	52502	52501
Type	transistor 0.5 A	transistor 2 A	transistor 2 A
Input voltage	24 V DC	5 V DC	24 V DC
Approvals	UL + CSA	UL + CSA	UL + CSA
Switching current min./ max.	0.1 mA/ 0.5 A	1 mA/ 2 A	1 mA/ 2 A
ON / OFF / Control current			
5 V DC	4…5.5 V DC / 0…2 V DC / 6 mA		
24 V DC	10…44 V DC / 0…3 V DC / 6 mA		
48 V DC	18…56 V DC / 0…12 V DC / 6 mA		

MIRO 6.2 pluggable, Transistor



Ordering Data	Part.-No.
	3000-32512-2100020
Type	Transistor 4 A
Input voltage	24 V DC
Switching current min./ max.	0.1 mA/ 4 A
ON / OFF / Control current	
24 V DC	11…30 V DC /0…5 V DC /ca. 10 mA

AMMS, AMS, Transistor



Ordering Data	Part.-No.	Part.-No.	Part.-No.	Part.-No.
	50040	50010	50044	50043
Type	Transistor 1.2 A	Transistor 1.2 A	Transistor, pulse switch 4 A	3-way Transistor, pulse switch 2 A
Control voltage input	24 V DC	4…30 V DC	24 V DC	24 V DC
Switching current min./ max	1 mA…1.2 A	1 mA…1.2 A	0.1…4 A	10 mA…2 A
Switching voltage min./	4.5…53 V DC	4.5…44 V DC	4.5…53 V DC	4.5…35 V DC

INTELLIGENT INTERFACE MODULES

MIRO 6.2 Timer



Ordering Data	Part.-No.
	52350
Time range	0.1…300 s
Approvals	UL +CSA
Input voltage/current	24 V DC/ +10…–15%/20 mA
Control voltage/current	24 V DC/ +10…–15%/ 5 mA
Max./min switching voltage	250 V AC/DC / 12 V DC
Max. current/min. load	6 A / 10 mA

For additional details and products please contact your local area representative.

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EMC SUPPRESSORS

AO
AD



Ordering Data	Part.-No.	Part.-No.	Part.-No.	Part.-No.
	26001	26180	26182	20014
Type	universal	universal	universal	universal
Voltage	max. 240 V DC	24 V AC/DC	110 V AC/DC	230 V AC/DC
Coil rating	15 W	50 VA/W	100 VA/W	25 VA
Suppression	Diode	VDR	VDR	RC
Approvals	CSA	UL + CSA	UL + CSA	CSA

RC 3 BU
RC 3 BUG



Ordering Data	Part.-No.	Part.-No.
	23050	23104
Type	motor	motor
Voltage	3 x 575 V AC	3 x 400 AC
Motor rating	4 kW	7.5 kW
Suppression / Approvals	RC / UL	RC

HRC 3



Ordering Data	Part.-No.	Part.-No.	Part.-No.	Part.-No.
	23004	23002	23006	23016
Type	motor	motor	motor	motor
Voltage	3 x 400 V AC	3 x 400 V AC	3 x 575 V AC	3 x 575 V AC
Motor rating	4 kW	10 kW	7.5 kW	10 kW
Suppression / Approvals	RC / UL	RC / UL	RC / UL	VDR / UL

VBS, Form A



Ordering Data	Part.-No.	Part.-No.	Part.-No.	Part.-No.
	3124021	3124015	3124033	3124048
Type	valves	valves	valves	valves
Valve rating	50 VA/W	50 VA/W	100 VA/W	50 VA/W
Voltage	24 V DC	24 V AC/DC	24 V AC/DC	24 V AC/DC
Suppression	LED + Diode	LED	LED + Z-diode	LED + VDR

VBS, Form A



Ordering Data	Part.-No.	Part.-No.	Part.-No.
	3124018	3124046	3124070
Type	valves	valves	valves
Valve rating	50 VA/W	100 VA/W	10 VA/W
Voltage	110 V AC/DC	110 V AC/DC	110 V AC/DC
Suppression	LED	LED + VDR	LED + RC

Please consult our Master Catalog or visit the Web for additional products not listed in this catalog.

IMPACT67 - COMPACT FIELD BUS DISTRIBUTION BLOCK

Input/output modules IMPACT67-C

– digital

IP67 protection





Ordering data	IMPACT67-P PROFIBUS	IMPACT67-DN DeviceNet	IMPACT67-C CANopen	IMPACT67-E EtherNet/IP	IMPACT67-EC EtherCAT
	Art.-No.	Art.-No.	Art.-No.	Art.-No.	Art.-No.
16 digital inputs	**55345**	**55071**	**55075**	**55085**	**55081**
8 digital inputs, 8 digital outputs 2 A	**55346**	**55072**	**55076**	**55086**	**55082**
8 digital outputs 2 A	**55347**	**55073**	**55077**	**55087**	**55083**
16 digital outputs 0.5 A	**55348**	**55074**	**55078**	**55088**	**55084**
Fieldbus					
Connection	M12, B-coded	M12, A-coded		M12, D-coded	
Transfer protocol	Profibus-DP	DeviceNet	CANopen	Ethernet IP	EtherCat
Addressing	0...99 via rotary switch			0...99 via rotary switch	automatically
Transfer rate	up to 12 Mbit/s	125 Kbit/s, 250 Kbit/s, 500 Kbit/s	up to 1 Mbit/s	up to 100 Mbit/s, Full Duplex	up to 100 Mbit/s

NEW PRODUCTS FROM MURR ELEKTRONIK



MICO
Intelligent Power Distribution

MICO – Intelligent control for 24VDC branch circuits is more than your average circuit breaker.

Murrelektronik's MICO is changing the way equipment manufacturers view circuit control and diagnostics. With the use of a MICO unit you will be able to separate input from a single source into 2 or 4 circuits with selectable amperage control for each branch. This means one device can be used instead of multiple circuit breakers or fuses reducing your inventory requirements and wiring efforts. Each branch circuit or channel of a MICO has the ability to react quickly and accurately to a short circuit or overlaod condition. As a result of the fast action, the unit will shut down the affected channel prior to the condition causing the power supply to shut down. MICO will continue operation to the other devices on the same power supply such as a PLC, HMI, or Sensors. A local LED warning as well as a remote signal to a PLC makes it possible to identify the fault on the affected branch circuit and trouble shoot more accurately. A remote reset is also available to reset the fault condition from outside the control panel once the fault has been corrected.

M12 ROUND PLUG CONNECTOR

- **Hex screw and hex nut made of fiber reinforced polyamide**
- **Absolutely corrosion resistant**
- **Excellent resistance to oil and chemicals**
- **Complete M12 product range**
- **Hex thread for safe installation**
- **Green contact carrier and fastening method**
- **Same price as standard model**

M12 Plastic



THE COMPACT PLUG

- **Twelve contacts for signal transfer**
- **Available as male and female, straight and 90°**
- **Unshielded or with 360° shielding**
- **Hex screw with hex thread – audibly sealed in accordance with IP67**
- **Two cable materials: PUR with UL approval or PVC**
- **Operating voltage 30 V, current capacity 1.5 A**

M12 12-pole



| MURRELEKTRONIK IS YOUR SYSTEM PARTNER



From the control cabinet...

- Power supply
- Interference suppression
- Processing



...via the interface...

- Service
- Permanently conducted and connected



...passive or...

- Connect
- Distribute



...active into the field

- IP20
- IP67
- AS-Interface

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MURR ELEKTRONIK

stay connected

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Murrelektronik is a leading, worldwide supplier of cord sets, distribution boxes, DIN valve connectors, power supplies, relays and many other products. "From the control cabinet via the interface passive and active into the field", Murrelektronik has your connectivity solutions.

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