



**AUTOMATION
& FACTORY
SOLUTIONS**



stay connected

Murrelektronik Quick Reference Guide

M12 Cables



M12 Single-Ended Cordset to Pigtail Leads Straight Connector, A-Code, Black

7000-12021-6140300	Male	PVC	4-Pin	3m
7000-12021-6140500	Male	PVC	4-Pin	5m
7000-12021-6141000	Male	PVC	4-Pin	10m
7000-12221-6140300	Female	PVC	4-Pin	3m
7000-12221-6340300	Female	PUR	4-Pin	3m
7000-12221-6140500	Female	PVC	4-Pin	5m
7000-12221-6340500	Female	PUR	4-Pin	5m
7000-12221-6141000	Female	PVC	4-Pin	10m
7000-12221-6341000	Female	PUR	4-Pin	10m
7000-12241-6150300	Female	PVC	5-Pin	3m
7000-12241-6150500	Female	PVC	5-Pin	5m
7000-12241-6151000	Female	PVC	5-Pin	10m

M12 Extension Cordset (Male to Female) Straight Connectors, A-Code, Black

7000-40021-6140030	PVC	4-Pin	0.3m
7000-40021-6340030	PUR	4-Pin	0.3m
7000-40021-6140060	PVC	4-Pin	0.5m
7000-40021-6340060	PUR	4-Pin	0.5m
7000-40021-6140100	PVC	4-Pin	1m
7000-40021-6340100	PUR	4-Pin	1m
7000-40021-6140200	PVC	4-Pin	2m
7000-40021-6340200	PUR	4-Pin	2m
7000-40021-6140300	PVC	4-Pin	3m
7000-40021-6340300	PUR	4-Pin	3m
7000-40021-6140500	PVC	4-Pin	5m
7000-40021-6340500	PUR	4-Pin	5m
7000-40021-6141000	PVC	4-Pin	10m
7000-40021-6341000	PUR	4-Pin	10m
7000-40041-6150300	PVC	5-Pin	3m
7000-40041-6150500	PVC	5-Pin	5m
7000-40041-6151000	PVC	5-Pin	10m
7000-40041-6550300	Robotic	5-Pin	3m
7000-40041-6550500	Robotic	5-Pin	5m
7000-40041-6551000	Robotic	5-Pin	10m



M12 Single-Ended Cordset to Pigtail Leads Right Angle Connector, A-Code, Black

7000-12101-6140300	Male	PVC	4-Pin	3m
7000-12101-6140500	Male	PVC	4-Pin	5m
7000-12101-6141000	Male	PVC	4-Pin	10m
7000-12341-6140300	Female	PVC	4-Pin	3m
7000-12341-6140500	Female	PVC	4-Pin	5m
7000-12341-6340500	Female	PUR	4-Pin	5m
7000-12341-6141000	Female	PVC	4-Pin	10m
7000-12361-6150300	Female	PVC	5-Pin	3m
7000-12361-6150500	Female	PVC	5-Pin	5m
7000-12361-6151000	Female	PVC	5-Pin	10m

One of the World's Largest Cordset Selections
— 75,000+ varieties available. Reach out for
additional configurations.

Stock at GCG

M8 Cables



8 Single-Ended Cordset to Pigtail Leads Straight Connector, A-Code, Black

7000-08001-6100500	Male	PVC	3-Pin	5m
7000-08001-6300500	Male	PUR	3-Pin	5m
7000-08011-6110500	Male	PVC	4-Pin	5m
7000-08041-6100300	Female	PVC	3-Pin	3m
7000-08041-6300300	Female	PUR	3-Pin	3m
7000-08041-6100500	Female	PVC	3-Pin	5m
7000-08041-6300500	Female	PUR	3-Pin	5m
7000-08041-6101000	Female	PVC	3-Pin	10m
7000-08041-6301000	Female	PUR	3-Pin	10m
7000-08061-6110300	Female	PVC	4-Pin	3m
7000-08061-6310300	Female	PVC	4-Pin	3m
7000-08061-6110500	Female	PVC	4-Pin	5m
7000-08061-6310500	Female	PVC	4-Pin	5m
7000-08061-6111000	Female	PVC	4-Pin	10m
7000-08061-6311000	Female	PVC	4-Pin	10m

M8 Single-Ended Cordset to Pigtail Leads Right-Angle Connector, A-Code, Black

7000-08021-6100300	Male	PVC	3-Pin	3m
7000-08031-6110300	Male	PVC	4-Pin	3m
7000-08081-6100300	Female	PVC	3-Pin	3m
7000-08081-6300300	Female	PUR	3-Pin	3m
7000-08081-6100500	Female	PVC	3-Pin	5m
7000-08081-6300500	Female	PUR	3-Pin	5m
7000-08081-6101000	Female	PVC	3-Pin	10m
7000-08081-6301000	Female	PUR	3-Pin	10m
7000-08101-6110300	Female	PVC	4-Pin	3m
7000-08101-6310300	Female	PUR	4-Pin	3m
7000-08101-6110500	Female	PVC	4-Pin	5m
7000-08101-6310500	Female	PUR	4-Pin	5m
7000-08101-6111000	Female	PVC	4-Pin	10m
7000-08101-6311000	Female	PUR	4-Pin	10m



M8 Extension Cordset (Male to Female) Straight Connector, A-Code, Black

7000-88001-6300300	PUR	3-Pin	3m
7000-88001-6300500	PUR	3-Pin	5m
7000-88001-6301000	PUR	3-Pin	10m
7000-88011-6310300	PUR	4-Pin	3m
7000-88011-6310500	PUR	4-Pin	5m
7000-88011-6311000	PUR	4-Pin	10m



M8 to M12 Extension Cordset (M8F to M12M) Straight Connectors, A-Code, Black

7000-40561-6100030	PVC	3-4 Pin	0.3m	3m
7000-40561-6300030	PUR	3-4 Pin	0.3m	3m
7000-40561-6100060	PVC	3-4 Pin	0.6m	3m
7000-40561-6300060	PUR	3-4 Pin	0.6m	3m
7000-40561-6100100	PVC	3-4 Pin	1m	5m
7000-40561-6300100	PUR	3-4 Pin	1m	5m
7000-40561-6100150	PVC	3-4 Pin	1.5m	10m
7000-40561-6300150	PUR	3-4 Pin	1.5m	10m
7000-40561-6100200	PVC	3-4 Pin	2m	3m
7000-40561-6300200	PUR	3-4 Pin	2m	3m
7000-40561-6100300	PVC	3-4 Pin	3m	5m
7000-40561-6300300	PUR	3-4 Pin	3m	5m
7000-40561-6100500	PVC	3-4 Pin	5m	10m
7000-40561-6300500	PUR	3-4 Pin	5m	10m

Networking Cables



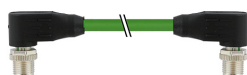
**M12 to RJ45 Network Cordset (Male to Male)
PROFINET, EtherCAT Compliant
Straight Connectors, D-Code, Green (CAT5)**

7000-44711-7960300	PUR	4-Pin	3m
7000-44711-7960500	PUR	4-Pin	5m
7000-44711-7961000	PUR	4-Pin	10m
7000-44711-7961500	PUR	4-Pin	15m



**M12 to M12 Network Cordset (Male to Male)
PROFINET, EtherCAT Compliant
Straight Connectors, D-Code, Green (CAT5)**

7000-44511-7960300	PUR	5-Pin	3m
7000-44511-7960500	PUR	5-Pin	5m
7000-44511-7960750	PUR	5-Pin	7.5m
7000-44511-7961000	PUR	5-Pin	10m



**M12 to M12 Network Cordset (Male to Male)
PROFINET, EtherCAT Compliant
Right-Angle Connectors, D-Code, Green (CAT5)**

7000-44561-7960100	PUR	5-Pin	1m
7000-44561-7960300	PUR	5-Pin	3m
7000-44561-7960500	PUR	5-Pin	5m
7000-44561-7961000	PUR	5-Pin	10m



**M12 to RJ45 Network Cordset (Male to Male)
Ethernet/IP, PROFINET Compliant
Straight Connectors, D-Code, Teal (CAT5)**

7700-44711-S4U0200	TPE	4-Pin	2m
7700-44711-S4U0300	TPE	4-Pin	3m
7700-44711-S4U0500	TPE	4-Pin	5m
7700-44711-S4U1000	TPE	4-Pin	10m
7700-44711-S4U1500	TPE	4-Pin	15m



**M12 to M12 Network Cordset (Male to Male)
Ethernet/IP, PROFINET Compliant
Straight Connectors, D-Code, Teal (CAT5)**

7700-44511-S4U0200	TPE	4-Pin	2m
7700-44511-S4U0300	TPE	4-Pin	3m
7700-44511-S4U0500	TPE	4-Pin	5m
7700-44511-S4U0750	TPE	4-Pin	7.5m
7700-44511-S4U1000	TPE	4-Pin	10m



**M12 to M12 Network Cordset (Male to Male)
Ethernet/IP, PROFINET Compliant
Right-Angle Connectors, D-Code, Teal (CAT5)**

7700-44561-S4U0100	TPE	4-Pin	1m
7700-44561-S4U0300	TPE	4-Pin	3m
7700-44561-S4U0500	TPE	4-Pin	5m
7700-44561-S4U1000	TPE	4-Pin	10m

7/8"-16 (Mini) Style



**7/8-16 (Mini Style) Single-Ended Cordset
to Pigtail Leads
Straight Connector, Yellow Cable Jacket**

7700-A4001-U1C0300	Male	TPE	4-Pin	3m
7700-A4001-U1C0500	Male	TPE	4-Pin	5m
7700-A5001-U1D0300	Male	TPE	5-Pin	3m
7700-A5001-U1D0500	Male	TPE	5-Pin	5m
7700-A4021-U1C0300	Female	TPE	4-Pin	3m
7700-A4021-U1C0500	Female	TPE	4-Pin	5m
7700-A5021-U1D0300	Female	TPE	5-Pin	3m
7700-A5021-U1D0500	Female	TPE	5-Pin	5m



**7/8-16 (Mini Style) Single-Ended Cordset
to Pigtail Leads
Right-Angle Connector, Yellow Cable Jacket**

7700-A4011-U1C0300	Male	TPE	4-Pin	3m
7700-A4011-U1C0500	Male	TPE	4-Pin	5m
7700-A5011-U1D0300	Male	TPE	5-Pin	3m
7700-A5011-U1D0500	Male	TPE	5-Pin	5m
7700-A4031-U1C0300	Female	TPE	4-Pin	3m
7700-A4031-U1C0500	Female	TPE	4-Pin	5m
7700-A5031-U1D0300	Female	TPE	5-Pin	3m
7700-A5031-U1D0500	Female	TPE	5-Pin	5m



**7/8-16 (Mini Style) Extension Cordset
Male to Female Connectors, Yellow Cable Jacket**

7700-A4A01-U1C0300	Straight	TPE	4-Pin	3m
7700-A4A01-U1C0500	Straight	TPE	4-Pin	5m
7700-A4A01-U1C1000	Straight	TPE	4-Pin	10m
7700-A4A31-U1C0300	90°	TPE	4-Pin	3m
7700-A4A31-U1C0500	90°	TPE	4-Pin	5m
7700-A4A31-U1C1000	90°	TPE	4-Pin	10m
7700-A5A01-U1D0300	Straight	TPE	5-Pin	3m
7700-A5A01-U1D0500	Straight	TPE	5-Pin	5m
7700-A5A01-U1D1000	Straight	TPE	5-Pin	10m
7700-A5A31-U1D0300	90°	TPE	5-Pin	3m
7700-A5A31-U1D0500	90°	TPE	5-Pin	5m
7700-A5A31-U1D1000	90°	TPE	5-Pin	10m

M12 L-Code Power



M12 Power (L-Code) Extension Cordsets Straight Connectors, 5-Pin, Male-Female		
7700-P4241-U0D0100	TPE	1m
7700-P4241-U0D0150	TPE	1.5m
7700-P4241-U0D0200	TPE	2m
7700-P4241-U0D0300	TPE	3m
7700-P4241-U0D0500	TPE	5m

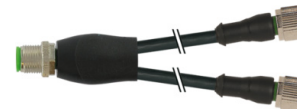


M12 Power (L-Code) Single-End Cordset Male Straight Connector, 5-Pin		
7700-P4201-U0D0200	TPE	2m
7700-P4201-U0D0300	TPE	3m
7700-P4201-U0D0500	TPE	5m
7700-P4201-U0D1000	TPE	10m



M12 Power (L-Code) Single-End Cordset Female Straight Connector, 5-Pin		
7700-P4221-U0D0200	TPE	2m
7700-P4221-U0D0300	TPE	3m
7700-P4221-U0D0500	TPE	5m
7700-P4221-U0D1000	TPE	10m

T-Couplers/Y-Splitter Cable



T-Coupler/Y-Splitter Cable		
7000-41131-00000000	M12 A-Code	1 x 5-Pin Male M12 to 2 x 4-Pin Female M12
7000-41201-00000000	M12 - M8 (A)	1 x 5-Pin Male M12 to 2 x 3-Pin Female M8
332762	M12 A-Code	M12 Parallel Feed (2 Female x 1 Male)
7000-40721-6130030	M12 A-Code	1 x 5-Pin Male M12 to 2 x 0.3m 4-Pin Female M12

Unmanaged Network Switches

Unmanaged Network Switches (RJ45)		
58810	4-Port	100 Mbit
58811	6-Port	100 Mbit
58812	8-Port	100 Mbit
58174	16-Port	1 GB



DIN Connector "Valve Plugs"



**Double Solenoid DIN-A
110VAC LED & Suppression**

Part Number

7000-58005-6270300



**DIN-A Solenoid Connector Plug Body
to M12 Male Connector w/ LED**

Part Number

7000-41421-0000000



**Single DIN-A Solenoid Valve Plug, LED, Suppression
24VDC**

Part Number	Length	Cable	Gauge
7000-18021-6160300	3M	PVC	3/18 AWG
7000-18021-6160500	5M	PVC	3/18 AWG
7000-18021-6161000	10M	PVC	3/18 AWG
7000-18021-6360300	3M	PUR	3/18 AWG
7000-18021-6360500	5M	PUR	3/18AWG
7000-18021-6361000	10M	PUR	3/18 AWG

110V

Part Number	Length	Cable	Gauge
7000-18081-6160300	3M	PVC	3/18 AWG
7000-18081-6160500	5M	PVC	3/18 AWG
7000-18081-6161000	10M	PVC	3/18 AWG
7000-18081-6360300	3M	PUR	3/18 AWG
7000-18081-6360500	5M	PUR	3/18 AWG
7000-18081-6361000	10M	PUR	3/18 AWG

230V

Part Number	Length	Cable	Gauge
7000-18041-6160300	3M	PVC	3/18 AWG
7000-18041-6160500	5M	PVC	3/18 AWG
7000-18041-6161000	10M	PVC	3/18 AWG
7000-18041-6360300	3M	PUR	3/18 AWG
7000-18041-6360500	5M	PUR	3/18 AWG
7000-18041-6361000	10M	PUR	3/18 AWG

Input/Output (I/O) IP67 Blocks

Impact 67 I/O		
54631	M12 (A, D, L)	Ethernet 8DIO, 8 IO Link Master, PNP, L-Code Pwr
55142	M12 & 7/8"-16	Ethernet 16 DIO (DLR), PNP, 7/8"-16 4-Pole Power
59710	M12 A-Code	I-O Link Hub Class-A 16 Input Module
59719	M12 A-Code	I-O Link Hub Class-A 16 Configurable I/O



Panel Flange (Pass-Through) Connectors



Panel Flange Connectors				
7000-42111-0000000	M12 A-Code	Panel Feed-Through (M16)	F - M	N/A
7000-13542-9710050	M12 A-Code	Front-Mount 4-Pin (M16)	Female	0.5m
7000-13542-9710100	M12 A-Code	Front-Mount 4-Pin (M16)	Female	1m
7000-13542-9710200	M12 A-Code	Front-Mount 4-Pin (M16)	Female	2m
7000-13562-9720050	M12 A-Code	Front-Mount 5-Pin (M16)	Female	0.5m
7000-13562-9720100	M12 A-Code	Front-Mount 5-Pin (M16)	Female	1m
7000-13562-9720200	M12 A-Code	Front-Mount 5-Pin (M16)	Female	2m
7000-78361-9770100	7/8"-16	Front-Mount 4-Pin (PG13.5)	Female	1m
7000-78381-9780200	7/8"-16	Front-Mount 5-Pin (PG13.5)	Female	2m
7000-13502-9710050	M12 A-Code	Front-Mount 4-Pin (M16)	Male	0.5m
7000-13502-9710100	M12 A-Code	Front-Mount 4-Pin (M16)	Male	1m
7000-13525-9720050	M12 A-Code	Rear-Mount 5-Pin (PG9)	Male	0.5m
7000-13522-9720050	M12 A-Code	Rear-Mount 5-Pin (M16)	Male	0.5m
7000-13522-9720100	M12 A-Code	Rear-Mount 5-Pin (M16)	Male	1m
7000-78321-9770200	7/8"-16	Front-Mount 4-Pin (PG13.5)	Male	2m
7000-78341-9780100	7/8"-16	Front-Mount 5-Pin (PG13.5)	Male	1m
4000-73000-0010000	RJ45	Panel Feed-Through (22.5)	F - F	N/A
7000-44681-0000000	M12D-RJ45	Panel Feed-Thru Adapter	F - F	N/A
7000-13581-0000000	N/A	M16 x 1.5 Lock-Nut for M12	N/A	N/A
7000-78391-0000000	N/A	PG13.5 Lock-Nut for 7/8"-16	N/A	N/A



MIRO Relays

MIRO Relays			
Part Number	Type	Contact Ratings	Coil Voltage
52000	Relay	1 Contact, 250 VAC/DC @ 6A	24 VDC
52001	Relay	1 Contact, 250 VAC/DC @ 6A	24 VAC/DC
52030	Relay	1 Contact, 250 VAC/DC @ 6A	110 VAC/DC
52102	Relay	2 Contacts, 250 VAC/DC @ 6A	12-24 VDC
52103	Relay	2 Contacts, 250 VAC/DC @ 6A	24 VAC/DC
52130	Relay	2 Contacts, 250 VAC/DC @ 6A	110 VAC/DC
52501	Opto-Couple	1 Contact, 250 VAC/DC @ 2A	5-48 VDC
52501	Opto-Couple	1 Contact, 250 VAC/DC @ 2A	48 VDC

Emparro Power Supplies



100-240 VAC Primary, 24-28 VDC Secondary	
85440	5 Amp
85441	10 Amp
85442	20 Amp

Stock at GCG

Field Wireable, Straight Connectors



Field Wireable Connectors - Straight Connectors				
7000-08365-00000000	M8 A-Code	Insulation Displ. Connection	3-Pin	Female
7000-08371-00000000	M8 A-Code	Insulation Displ. Connection	3-Pin	Female
7000-08391-00000000	M8 A-Code	Insulation Displ. Connection	4-Pin	Female
7000-12601-00000000	M12 A-Code	Insulation Displ. Connection	4-Pin	Female
7000-12901-00000000	M12 A-Code	Screw Terminals, PG7 Grip	4-Pin	Female
7000-12921-00000000	M12 A-Code	Screw Terminals, PG7 Grip	5-Pin	Female
7000-12961-00000000	M12 A-Code	Screw Terminals, PG9 Grip	5-Pin	Female
7000-12593-00000000	M12 A-Code	Insulation Displ. Connection	5-Pin	Female
7000-08325-00000000	M8 A-Code	Insulation Displ. Connection	3-Pin	Male
7000-08331-00000000	M8 A-Code	Insulation Displ. Connection	3-Pin	Male
7000-08351-00000000	M8 A-Code	Insulation Displ. Connection	4-Pin	Male
7000-12481-00000000	M12 A-Code	Insulation Displ. Connection	4-Pin	Male
7000-12701-00000000	M12 A-Code	Screw Terminals, PG7 Grip	4-Pin	Male
7000-12721-00000000	M12 A-Code	Screw Terminals, PG7 Grip	5-Pin	Male
7000-12761-00000000	M12 A-Code	Screw Terminals, PG9 Grip	5-Pin	Male
7000-12533-00000000	M12 A-Code	Insulation Displ. Connection	5-Pin	Male
7000-14521-00000000	M12 D-code	Insulation Displ. Connection	4-Pin	Male
7000-74011-00000000	RJ45	Insulation Displ. Connection	8-Pin	Male
7000-74001-00000000	RJ45	Insulation Displ. Connection	4-Pin	Male

Control & Isolation Transformers



MTS 1-Phase Control & Isolation Transformer 208-550 VAC Primary, 2 x 115 VAC Secondary			
86143	100 VA	86149	630 VA
86144	160 VA	86150	800 VA
86145	250 VA	86151	1000 VA
86147	400 VA	86152	1600 VA
86148	500 VA		

Stock at GCG

GCG is your source for Murrelektronik—stocked connectivity, distributed I/O, and power solutions. No long lead times, no guesswork. Inventory on hand backed by application support. We're ready when you are.

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