

### With open ended wire







## Round plug connector

Female 7/8"

straight/90° shielded/unshielded

from 1.7.1

#### Field-wireable



### **Round plug connector**

Male/Female 7/8"

straight shielded/unshielded

from 1.7.3

### **Connection cable**





#### **Round plug connector**

Male 7/8" straight/90° shielded/unshielded

#### **Round plug connector**

Female 7/8" straight/90° shielded/unshielded





#### **T-coupler**

Male 7/8"

# **Terminator**

Male 7/8"

## **T-coupler**

Female 7/8"

#### **Terminator**

Female 7/8"

from 1.7.7



with	open ended wire	Female straight		Female 90°
Appro	ovals: c <b>Al</b> °us			
1	Form No.	78001	78021	78051
	Suppression	4-pole Power cable	5-pole Power cable	5-pole Power cable
	Circuit diagram	1	1   3   black (1)	1
	Contact layout	Female  3  4  2	Female  3 2 4 5	Female  3 2 4 1 5
2	Cable type	Jacket color	Jacket color	Jacket color
	Wire diameter 1.5 mm² PUR PUR (UL/CSA-listed)	950 —	gray — 961	gray — 961
3	Cable length			
	1.5 m 3.0 m 5.0 m 7.5 m 10.0 m	0150 0300 0500 0750 1000		
	Your article no.			
	The composition of your article number is explained on page 1.1.2	7 0 0 0 —		
		1	Form 2	Cable type 3 Cable length
Note	es	Accessories and technical data in chapter 1.10. Further cable lengths on request.		

with open ended wire

Female straight, shielded

DeviceNet.
CANOPON

Approvals: 67



Appro	ovals: c Tus	
1	Form No.	78041
	Suppression	5-pole
	<u></u>	Bus cable
	Circuit diagram	1
	Contact layout	Female  3 2 4 5
2	Cable type	Jacket color
	Wire diameter PVC (Data AWG 18/Power AWG 15)	gray 952
3	Cable length	
	1.5 m	0150
	3.0 m	0300
	5.0 m 7.5 m	0500 0750
	10.0 m	1000
	Your article no.	
	The composition of your article number is explained on page 1.1.2	7 O O O — — — — — — — — — — — — — — — —
		Term Cable type Cable length
Note	es	
		Accessories and technical data in chapter 1.10. Further cable lengths on request.

Round plug connector 7/8"



with screw terminals

Male straight



Approvals:

c**FL**°us

pr	ovals: C712US				
	Form No.	78061	78081	78101	
	Suppression/Circuit diagram	4-pole	5-pole	5-pole	
			3 — o 5 — o		
	Cl	69.5 mm	69.5 mm	1012 mm	
	Clamping range Contact layout	09.3 mm	09.3 mm	1012 mm	
		Male  1  3  2  4	Male 3 4 2 5 1	Male 3 4 2 5	
	Technical data				
	Supply voltage	250 V AC/DC			
	Current per contact	max. 9 A			
	Connection type	screw terminals			
	Connection diameter Protection	max. 1.5 mm <sup>2</sup> IP67 when plugged and screwed dow	un (EN 40520)		
	Temperature range	-40+85 °C	VII (EN OUJZ7)		
	Your article no.				
	The composition of your article number is explained on page 1.1.2	7 0 0 0 -  Murrelektronik Standard		- <u>o</u> <u>o</u> <u>o</u>	<u>o</u> <u>o</u> <u>o</u> <u>o</u>
			1 Form		
lot	es				
		Accessories and technical data in cha	apter 1.10.		



with screw terminals

Male 90°



Approvals:

( <b>J</b> = 03				
Term No.	78121	78141		
Suppression/Circuit diagram	4-pole	5-pole		
Juppi ession/ Circuit ulugi um	1	7-poie		
	4	4		
	3	3		
Clamping range	69.5 mm	69.5 mm		
Contact layout				
	Male	Male		
	1 3	3 2		
	2 4	5 1		
Technical data				
Supply voltage	250 V AC/DC			
Current per contact	max. 9 A			
Connection type	screw terminals			
Connection diameter	max. 1.5 mm <sup>2</sup>			
Protection	IP67 when plugged and screwed dow	n (EN 40520)		
Temperature range	-40+85 °C	II (LN 00327)		
Your article no.				
The composition of your article number is explained on page 1.1.2	7 0 0 0 -  Murrelektronik Standard		- 0 0 0	0 0 0 0
		1 Form		
Notes				
	Accessories and technical data in cha	pter 1.10.		



with screw terminals

Female straight



Approvals:

c**FL**°us

pr	ovals: c <b>711</b> US				
	Form No.	78181	78201	78221	
	Suppression/Circuit diagram	4-pole	5-pole	5-pole	
		1 → ○ ○ ○ ○ ○ ○ ○ ○ ○ ○ ○ ○ ○ ○ ○ ○ ○ ○	1 → ○ ○ 2 → ○ ○ ○ 4 → ○ ○ ○ ○ ○ ○ ○ ○ ○ ○ ○ ○ ○ ○	1 → □ ○     2 → □ ○     4 → □ ○	
	Clamping range	69.5 mm	69.5 mm	1012 mm	
	Contact layout	09.3 mm	07.3 mm	1012 mm	
		Female  3  1  2	Female  3 2 4 1 5	Female  3 2 4 5	
	Technical data				
	Supply voltage	250 V AC/DC			
	Current per contact	max. 9 A			
	Connection type	screw terminals			
	Connection diameter	max. 1.5 mm <sup>2</sup>	/FN / 0.F.00\		
	Protection Temperature range	IP67 when plugged and screwed dow -40+85 °C	N (EN 60529)		
	Your article no.				
	The composition of your article number is explained on page 1.1.2	7 0 0 0 -  Murrelektronik Standard		<u>o</u> <u>o</u> <u>o</u>	0 0 0 0
			Form		
oto	es				
		Accessories and technical data in cha	pter 1.10.		



with screw terminals

Female 90°



Approvals:



Form No	o. <b>78241</b>	78261		
Suppression/Circuit diagram	4-pole	5-pole		
	1 → ○ ○ ○ ○ ○ ○ ○ ○ ○ ○ ○ ○ ○ ○ ○ ○ ○ ○	1 3 → ○ 0 2 3 → ○ 0 4 → ○ 0 5 5 → ○ 0 5		
Clamping range	69.5 mm	69.5 mm		
Contact layout	07.3 11111	07.J IIIII		
	Female  3  1  2	Female  3  2  4  5		
Technical data				
Supply voltage	250 V AC/DC			
Current per contact	max. 9 A			
Connection type	screw terminals			
Connection diameter	max. 1.5 mm <sup>2</sup>			
Protection Temperature range	IP67 when plugged and screwed d -40+85 °C	lown (EN 60529)		
Your article no.				
Your article no.  The composition of your article number is explained on page 1.1.2	7 0 0 0 Murrelektronik Standard		<u>0</u> <u>0</u> <u>0</u>	<u>o</u> <u>o</u> <u>o</u>
The composition of your article number is explained	— — — — Murrelektronik		<u>0</u> <u>0</u> <u>0</u>	<u>o</u> <u>o</u> <u>o</u>
The composition of your article number is explained	— — — — Murrelektronik	_	<u>0</u> <u>0</u> <u>0</u>	<u>o</u> <u>o</u> <u>o</u>



Conn 7/8"	ection cable " - 7/8"	Male straight	Female straight	Male 90°	Female 90°
Appr	ovals: c <b>FU</b> °US				
1	Form No.	50021		50051	
	Suppression	5-pole Power cable		5-pole Power cable	
	Circuit diagram	1		1	OW (PE)   C 3   C 5
	Contact layout	Male Female  3 3 3 4 5 1 1 5		Male 3 4 2 5	Female  3  2  4  5
2	Cable type	Jacket color		Jacket color	
	Wire diameter	gray			gray
	PUR (UL/CSA-listed)	961			961
3	Cable length				
	0.3 m	0030			
	0.6 m 1.0 m	0060 0100			
	1.5 m 2.0 m	0150 0200			
	Your article no.				
	The composition of your article number is explained on page 1.1.2	7000 —			le type 3 Cable length
Note	es				
		Accessories and technical data in chapter 1.10. Further cable lengths on request.			



Connection cable 7/8" - 7/8" Male straight Female straight



Appr	ovals: c <b>FL</b> us		
1	Form No.	50001	
	Suppression	4-pole Power cable	-
	Circuit diagram	1	
	Contact layout	Male Female  1	
2	Cable type	Jacket color	
	Wire diameter PUR	950	_ _ _ _
3	Cable length		
	0.3 m	0030	
	0.6 m 1.0 m	0060 0100	-
	1.5 m 2.0 m	0150 0200	-
	Your article no.		
	The composition of your article number is explained on page 1.1.2	7 0 0 0 — — — — — — — — — — — — — — — —	
		Form 2 Cable type 3 Cable length	
Not	es		
		Accessories and technical data in chapter 1.10. Further cable lengths on request.	



Connection cable 7/8" - 7/8"	Male straight	Female straight

Approvals: c**FL**°us

Appr	ovals: c <b>711</b> US	
1	Form No.	50041
	Suppression	5-pole
	C::- d:	Bus cable, shielded
	Circuit diagram	3
	Contact layout	
		Male Female  3  4  5  1  1  1  1  1  1  1  1  1  1  1  1
2	Cable type	Jacket color
	Wire diameter	gray
	PVC (Data AWG 18/Power AWG 15)	952
3	Culda lamath	
3	Cable length 0.3 m	0030
	0.6 m	0060
	1.0 m 1.5 m	0100 0150
	2.0 m	0200
	Your article no.	
	The composition of your article number is explained on page 1.1.2	7 0 0 0
		Torm Cable type 3 Cable length
Not	es	
		Accessories and technical data in chapter 1.10. Further cable lengths on request.



Connection cable 7/8" - 7/8"

T-coupler Male, straight to Female, straight



1	Form No.	50061
	Suppression/Circuit diagram	5-pole
	орргоосон, спол шид-ши	
		Male 1. Female
		4 =
		5 5
		1 2 3 4 5 🗐
		2. Female
	Contact layout	
	domain injoor	Male Female
		3 3 3
	Technical data	
	Supply voltage	50 V AC/DC
	Current per contact	max. 8 A
	Protection Temperature range	IP67 when plugged and screwed down (EN 60529) -20+80 °C
	lemperatore range	-20+00 C
	Your article no.	
	The composition	7000 000
	of your article number	
	is explained	Murrelektronik
	on page 1.1.2	Standard
		Form
Not	es	According to the state of the s
		Accessories and technical data in chapter 1.10.  Further cable lengths on request.
		rurmer cable lengths on request.



Connection cable 7/8" - 7/8"

**Bus-Terminator** DeviceNet, CANopen

DeviceNet.
CANOPEN

Approvals:

c **FL**°us

phrovuis. C = 100	
Form No.	78301
Suppression/Circuit diagram	5-pole
	1 — 2 — 4 — 120 Ω 1/4 W 3 — 5 — 1
Contact layout	Male 3 4
Technical data	
Current per contact Connection type Protection Temperature range	max. 8 A screw fixing IP67 when plugged and screwed down (EN 60529) -20+80 °C
Your article no.	
The composition of your article number is explained on page 1.1.2	7 0 0 0
	Form
lotes	
11	Accessories and technical data in chapter 1.10. Further cable lengths on request.