

Chapter 4

Field bus

	B4.1	M12 (S、T、L、K-Code) power connector
	B4.2	7/8" power connector
	B4.3	Profibus
	B4.4	Device Net, CANopen
	B4.5	Profinet、Ethernet IP、Ether CAT、CAT5e、CAT6 _A
	B4.6	CC-Link
	B4.7	AS-i Passive Distributor

M12 CIRCULAR CONNECTOR

M12 T-code
M12 S-code
Field-wireable

T-code
Male
Straight



T-code
Female
Straight



1	Form	No. 912744	T-Code	912932	T-Code
	Suppression		4-pole		4-pole

S-code
Male
Straight

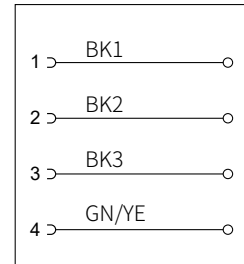
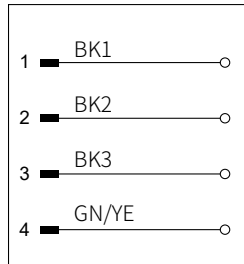


S-code
Female
Straight



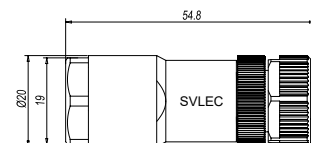
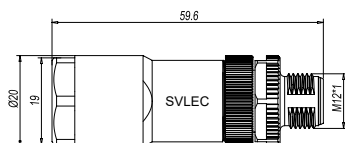
1	Form	No. 912742	S-Code	912942	S-Code
	Suppression		4-pole		4-pole

Circuit diagram



2	Technical data	
	Supply voltage	60 V AC/DC (T-code) / 630 V AC/DC (S-code)
	Current per contact (40° C)	max. 12 A
	Connection diameter	max. 1.5 mm ²
	Housing material	Flame retardant plastic
	Wiring method	Screw terminal
	Protection	IP65 - (EN 60529) When plugged and screwed down
	Temperature range	-40...+85° C
Cable outlet diameter	5-10mm	

Description



M12 CIRCULAR CONNECTOR



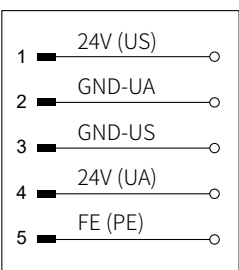
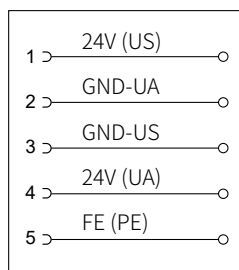
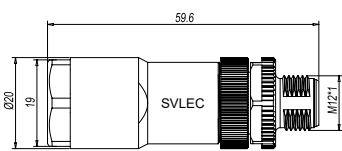
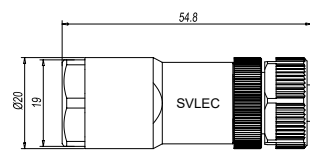
M12 L-code
 M12 K-code
 Field-wireable

L-code
 Male
 Straight



L-code
 Female
 Straight



1	Form	No.	912743	912952
			L-Code	L-Code
	Suppression		5-pole	5-pole
			K-code Male Straight	K-code Female Straight
				
1	Form	No.	912745	912962
			K-Code	K-Code
	Suppression		5-pole	5-pole
	Circuit diagram			
2	Technical data			
	Supply voltage	63 V AC/DC (L-code) / 630 V AC/DC (K-code)		
	Current per contact (40° C)	max. 12 A		
	Connection diameter	max. 1.5 mm ²		
	Housing material	Flame retardant plastic		
	Wiring method	Screw terminal		
	Protection	IP65 - (EN 60529) When plugged and screwed down		
	Temperature range	-40...+85° C		
	Cable outlet diameter	5-10mm		
	Description			

M12 CIRCULAR CONNECTOR

M12 L-code
M12 K-code
Field-wireable
Large wire diameter

L-code
Male
Straight



L-code
Female
Straight



1	Form	No. 912749	L-Code	No. 912972	L-Code
	Suppression	5-pole	5-pole	5-pole	5-pole

K-code
Male
Straight

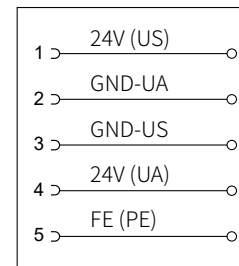
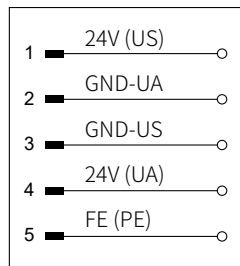


K-code
Female
Straight



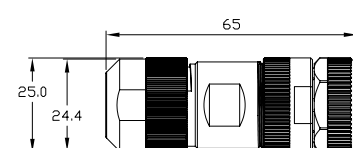
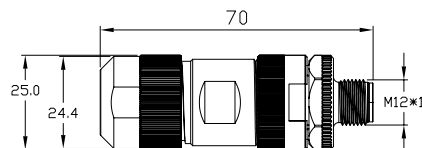
1	Form	No. 912747	K-Code	No. 912992	K-Code
	Suppression	5-pole	5-pole	5-pole	5-pole

Circuit diagram



2	Technical data	Supply voltage	63 V AC/DC (L-code) / 630 V AC/DC (K-code)
	Current per contact (40° C)	max. 12 A	
	Connection diameter	max. 2.5 mm ²	
	Housing material	Flame retardant platic	
	Wiring method	Screw terminal	
	Protection	IP65 - (EN 60529) When pluggde and screwed down	
	Temperature range	-40...+85° C	
	Cable outlet diameter	5-14mm	

Description



M12 CIRCULAR CONNECTOR

M12 S-code
M12 T-code
Field-wireable



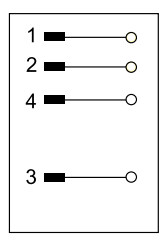
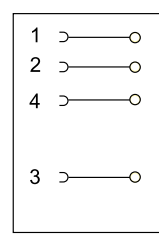
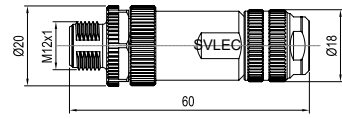
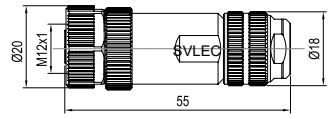
Shielded

T-code
Male
Straight



T-code
Female
Straight



1	Form	No.	913744	913932
			T-Code	T-Code
	Suppression		4-pole	4-pole
			S-code Male Straight	S-code Female Straight
				
1	Form	No.	913742	913942
			S-Code	S-Code
	Suppression		4-pole	4-pole
	Circuit diagram			
2	Technical data			
	Supply voltage	60 V AC/DC (T-code) / 630 V AC/DC (S-code)		
	Current per contact (40° C)	max. 12 A		
	Connection diameter	max. 1.5 mm ²		
	Housing material	CuZn, nickel plated		
	Wiring method	Screw terminal		
	Protection	IP65 - (EN 60529) When pluggde and screwed down		
	Temperature range	-40...+85° C		
	Cable outlet diameter	6-8mm		
	Description			

M12 FIELDBUS CABLE

M12 S-code

Power

Male
Straight



Female
Straight



Male
Straight



Female
Straight

1	Form	No.	912034	912334	942034
	Suppression		4-pole	4-pole	4-pole
	Circuit diagram				
	Contact layout		<p>Male</p>	<p>Female</p>	<p>Male</p> <p>Female</p>
2	Cable type	Jacket color			
	Cross section 4 x1.5mm ²	YE			
	PUR	960			
	Technical data				
	Supply voltage	630 V AC			
	Current per contact (40° C)	12A			
	Protection	IP67 - (EN 60529) When pluggde and screwed down			
	Temperature range	-25...+85° C			
3	Cable length				
	1.5m	0150			
	3.0m	0300			
	5.0m	0500			
	7.5m	0750			
	10.0m	1000			
	Part No.				
	Reference: 6.0.1	E.g: <u> 912034 </u> - <u> 960 </u> - <u> 0500 </u>			
		1	Form	2	Cable type
		3	Cable length		
	Notes				
		Cable parameter: B3.0.7 Size parameter: B3.0.5 Accessories on page: B4.7.5 The cable length is customized , it can be changed in the third part of the part number, Cable length unit: cm			

M12 FIELDBUS CABLE

M12 T-code
 Power
 Rated voltage: 60 V AC
 Current(40° C): 12A
 Protection: IP67
 Temperature: -25...+85° C

Male
 Straight






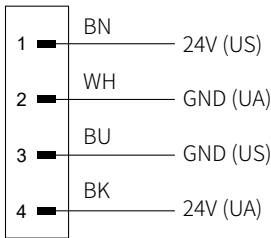
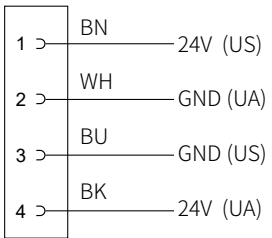
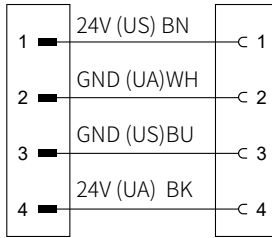


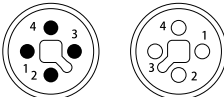
Female
 Straight



Male
 Straight



Female
 Straight

1	Form	No.	912044	912344	942044	
	Suppression		4-pole	4-pole	4-pole	
			Male 90°	Female 90°	Male 90° Female 90°	
						
	Form	No.	912045	912345	942073	
	Suppression		4-pole	4-pole	4-pole	
	Circuit diagram					
	Contact layout		Male 	Female 	Male Female 	
2	Cable type	Jacket color				
	Cross section 4 x1.5mm ²	YE				
	PUR	960				
3	Cable length					
	1.5m	0150				
	3.0m	0300				
	5.0m	0500				
	7.5m	0750				
	10.0m	1000				
Part No.						
	Reference: 6.0.1	E.g: <u> 912044 </u> — <u> 960 </u> — <u> 0500 </u>				
	1	Form	2	Cable type	3	Cable length

Notes

Cable parameter: B3.0.7 Size parameter: B3.0.5 Accessories on page: B4.7.5
 The cable length is customized , it can be changed in the third part of the part number , Cable length unit: cm

M12 FIELDBUS CABLE

M12 L-code

Power

Rated voltage: 60 V AC
 Current (40° C): 12A
 Protection: IP67
 Temperature: -25...+85° C

Male
Straight



Female
Straight



Male
Straight



Female
Straight

1	Form	No.	912554	912454	942045																																			
	Suppression		5-pole	5-pole	5-pole																																			
			Male 90°	Female 90°	Male 90° Female 90°																																			
	Form	No.	912555	912455	942046																																			
	Suppression		5-pole	5-pole	5-pole																																			
	Circuit diagram		<table border="1"> <tr><td>1</td><td>BN 24V (US)</td></tr> <tr><td>2</td><td>WH GND-UA</td></tr> <tr><td>3</td><td>BU GND-US</td></tr> <tr><td>4</td><td>BK 24V (UA)</td></tr> <tr><td>5</td><td>GN/YE FE(PE)</td></tr> </table>	1	BN 24V (US)	2	WH GND-UA	3	BU GND-US	4	BK 24V (UA)	5	GN/YE FE(PE)	<table border="1"> <tr><td>1</td><td>BN 24V (US)</td></tr> <tr><td>2</td><td>WH GND-UA</td></tr> <tr><td>3</td><td>BU GND-US</td></tr> <tr><td>4</td><td>BK 24V (UA)</td></tr> <tr><td>5</td><td>GN/YE FE(PE)</td></tr> </table>	1	BN 24V (US)	2	WH GND-UA	3	BU GND-US	4	BK 24V (UA)	5	GN/YE FE(PE)	<table border="1"> <tr><td>1</td><td>BN 24V (US)</td><td>c 1</td></tr> <tr><td>2</td><td>WH GND-UA</td><td>c 2</td></tr> <tr><td>3</td><td>BU GND-US</td><td>c 3</td></tr> <tr><td>4</td><td>BK 24V (UA)</td><td>c 4</td></tr> <tr><td>5</td><td>GN/YE FE(PE)</td><td>c 5</td></tr> </table>	1	BN 24V (US)	c 1	2	WH GND-UA	c 2	3	BU GND-US	c 3	4	BK 24V (UA)	c 4	5	GN/YE FE(PE)	c 5
1	BN 24V (US)																																							
2	WH GND-UA																																							
3	BU GND-US																																							
4	BK 24V (UA)																																							
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1	BN 24V (US)																																							
2	WH GND-UA																																							
3	BU GND-US																																							
4	BK 24V (UA)																																							
5	GN/YE FE(PE)																																							
1	BN 24V (US)	c 1																																						
2	WH GND-UA	c 2																																						
3	BU GND-US	c 3																																						
4	BK 24V (UA)	c 4																																						
5	GN/YE FE(PE)	c 5																																						
	Contact layout		Male 	Female 	Male Female 																																			
2	Cable type	Jacket color																																						
	Cross section 5x1.5mm ²	YE	BK																																					
	PVC	961																																						
	PUR		962																																					
3	Cable length																																							
	1.5m	0150																																						
	3.0m	0300																																						
	5.0m	0500																																						
	7.5m	0750																																						
	10.0m	1000																																						
	Part No.																																							
	Reference: 6.0.1	E.g: <u> 912554 </u> — <u> 961 </u> — <u> 0500 </u>																																						
		1 Form	2 Cable type	3 电缆长度 Cable length																																				

Notes
 Cable parameter: B3.0.7 Size parameter: B3.0.5 Accessories on page: B4.7.5
 The cable length is customized, it can be changed in the third part of the part number, Cable length unit: cm

M12 FIELDBUS CABLE



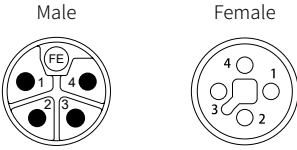
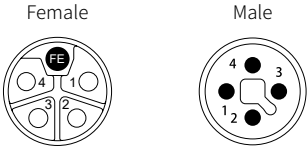
L-code to T-code

 M12 Male
L-code

 M12 Female
T-code

 M12 Female
L-code

 M12 Male
T-code


1	Form	No.	942077	942078
	Suppression		4-pole	4-pole
	Circuit diagram			
	Contact layout			
2	Cable type		Jacket color	
	Cross section 4 x1.5mm ²		YE	
	PUR		960	
	Technical data			
	Supply voltage		60 V DC	
	Current per contact (40° C)		12 A	
	Protection		IP67 - (EN 60529) When pluggde and screwed down	
	Temperature range		-25...+85° C	
3	Cable length			
	1.5m		0150	
	3.0m		0300	
	5.0m		0500	
	7.5m		0750	
	10.0m		1000	
	Part No.			
	Reference: 6.0.1		E.g: <u> 942071 </u> — <u> 960 </u> — <u> 0500 </u>	
			1 Form	2 Cable type
				3 Cable length
	Notes			
			Cable parameter: B3.0.7 Size parameter: B3.0.5 Accessories on page: B4.7.5 The cable length is customized , it can be changed in the third part of the part number, Cable length unit: cm	

M12 FIELDBUS CABLE

M12 K-code

Male
Straight

Female
Straight

Male
Straight

Female
Straight

Power


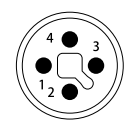

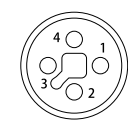


1	Form	No.	912564	912464	942065
	Suppression		5-pole	5-pole	5-pole
	Circuit diagram				
	Contact layout		<p>Male</p>	<p>Female</p>	<p>Male</p> <p>Female</p>
2	Cable type		Jacket color		
	Cross section 5 x1.5mm ²		YE	BK	
	PVC		961		
	PUR			962	
	Technical data				
	Supply voltage		630 V DC		
	Current per contact (40° C)		12 A		
	Protection		IP67 - (EN 60529) When pluggde and screwed down		
	Temperature range		-25...+85° C		
3	Cable length				
	1.5m		0150		
	3.0m		0300		
	5.0m		0500		
	7.5m		0750		
	10.0m		1000		
	Part No.				
	Reference: 6.0.1		E.g: 912564	961	0500
			1 Form	2 Cable type	3 Cable length
	Notes				
			Cable parameter: B3.0.7 Size parameter: B3.0.5 Accessories on page: B4.7.5 The cable length is customized , it can be changed in the third part of the part number, Cable length unit: cm		

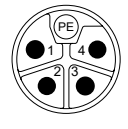
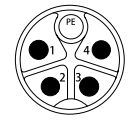
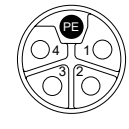
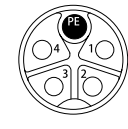
FRONT PANEL MOUNT CONNECTOR

S-Code	Male	Female
T-Code		
L-Code		
K-Code		
Power		



1	Part No.	913507	913508	913547	913548
	Soldering Part No.	913507S	913508S	913547S	913548S
	S-Code	T-Code	S-Code	T-Code	
	Suppression	4-pole	4-pole	4-pole	4-pole
					

Technical data					
Supply voltage	630 V AC	60 V AC	630 V AC	60 V AC	
Current per contact (40° C)	12A	12A	12A	12A	
Protection	IP67 - (EN 60529) When pluggde and screwed down				
Temperature range	-25...+85° C				

	Part No.	913527	913526	913567	913566
	Soldering Part No.	913527S	913526S	913567S	913566S
	L-Code	K-Code	L-Code	K-Code	
	Suppression	5-pole	5-pole	5-pole	5-pole
					

Technical data					
Supply voltage	63 V DC	630 V AC	63 V DC	630 V AC	
Current per contact (40° C)	12A	12A	12A	12A	
Protection	IP67 - (EN 60529) When pluggde and screwed down				
Temperature range	-25...+85° C				

2 Suitable mounting nut M16 : 971 (M16) , 974(M12) , 977(PG9) , 979(M20)

Part No.						
	E.g:	<u> 913507 </u>	—	<u> 971 </u>	—	<u> 0050 </u>
		1 Form		2 Nut type		3 Cable length

Notes
 Accessories on page: B4.7.5

AFTER PANEL MOUNT CONNECTOR

S-Code
T-Code
L-Code
K-Code
Power

Male



Female



1	Part No.	913517	913518	913537	913538
	Soldering Part No.	913517S	913518S	913537S	913538S
		S-Code	T-Code	S-Code	T-Code
	Suppression	4-pole	4-pole	4-pole	4-pole

Technical data

Supply voltage	630 V AC	60 V AC	630 V AC	60 V AC
Current per contact (40° C)	12A	12A	12A	12A
Protection	IP67 - (EN 60529) When pluggde and screwed down			
Temperature range	-25...+85° C			

Part No.	913535	913536	913557	913558
Soldering Part No.	913535S	913536S	913557S	913558S
	L-Code	K-Code	L-Code	K-Code
Suppression	5-pole	5-pole	5-pole	5-pole

Technical data

Supply voltage	63 V DC	630 V AC	63 V DC	630 V AC
Current per contact (40° C)	12A	12A	12A	12A
Protection	IP67 - (EN 60529) When pluggde and screwed down			
Temperature range	-25...+85° C			

2 Suitable mounting nut M16 : 971 (M16) , 974(M12) , 977(PG9) , 979(M20)

Part No.

E.g: 913517 — 971 — 0050

1 Form **2** Nut type **3** Cable length

Notes

Accessories on page: B4.7.5

7/8" ROUND PLUG CONNECTOR

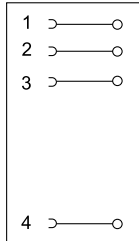
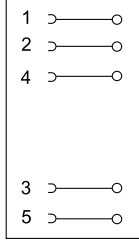
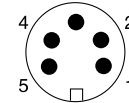
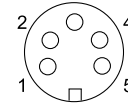
Field-wireable
 With screw terminals
 Power

Male
 Straight



Female
 Straight



1	Form	No.	978101	978081	978221	978201
	Suppression		4-pole	5-pole	4-pole	5-pole
			Male 90°		Female 90°	
						
	Form	No.	978142	978141	978262	978261
Suppression		4-pole	5-pole	4-pole	5-pole	
Circuit diagram						
Clamping range screw thread	8 ... 14mm					
Contact layout		Male 	Male 3 	Female 	Female 3 	
2	Technical data					
	Supply voltage	600 V AC/DC				
	Current per contact (40° C)	max. 8A				
	Wiring method	Screw terminals				
	Protection	IP67- (EN 60529) When plugged and screwed down				
	Temperature range	-25...+85° C				
	Connection diameter	1.5mm ²				
	Part No.					
	Reference: 6.0.1					
		1 Form				
Notes	Accessories and technical page: B4.2.5					

7/8" ROUND PLUG CONNECTOR

7/8"
With open ended wires

Female
Straight

Female
90°

Power



1	Form	No.	978161	978041	978021	978111	978061	978051
---	------	-----	--------	--------	--------	--------	--------	--------

Suppression

3-pole

4-pole

5-pole

3-pole

4-pole

5-pole

Male
Straight



Male
90°



Form	No.	978171	978011	978031	978191	978071	978091
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Suppression

3-pole

4-pole

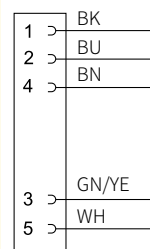
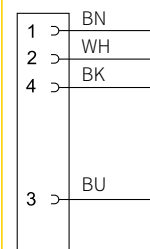
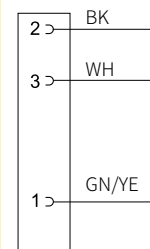
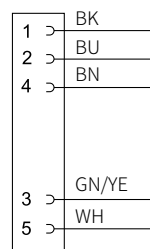
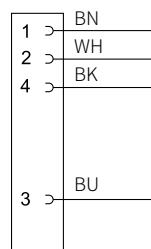
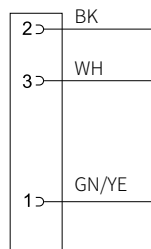
5-pole

3-pole

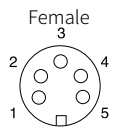
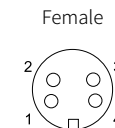
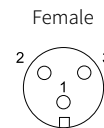
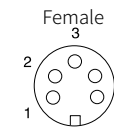
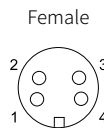
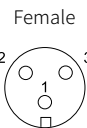
4-pole

5-pole

Circuit diagram



Contact layout



2	Cabel type	Jacket color					
---	------------	--------------	--	--	--	--	--

Cross section 1.5mm²

YE

YE

YE / BK

YE

YE

YE / BK

PVC Fixed installation

963

961

963

961

PUR Highly flexible

960

962

960

962

3	Cabel length						
---	--------------	--	--	--	--	--	--

1.5 m

0150

3.0 m

0300

5.0 m

0500

7.5 m

0750

10.0 m

1000

Part No.

Reference: 6.0.1

E.g: 978161 - 963 - 0500

1 Form

2 Cable type

3 Cable length

Notes

Cable parameter: B3.0.7 Size parameter: B3.0.5 Accessories on page: B4.7.5

The cable length is customized, it can be changed in the third part of the part number, Cable length unit: cm

7/8" ROUND PLUG CONNECTOR

7/8"
Connection cable

Power

Male
Straight

Female
Straight

Male
90°

Female
90°



1	Form	No.	950120	950020	950021	950150	950050	950051
	Suppression		3-pole	4-pole	5-pole	3-pole	4-pole	5-pole
	Circuit diagram							
	Contact layout		Male Female 	Male Female 	Male Female 	Male Female 	Male Female 	Male Female
2	Cable type	Jacket color						
	Cross section 1.5mm ²	YE	YE	YE / BK	YE	YE	YE	YE / BK
	PVC Fixed installation	963		961	963			961
	PUR Highly flexible		960	962		960		962
3	Cable length							
	0.3 m	0030						
	0.6 m	0060						
	1.0 m	0100						
	1.5 m	0150						
	2.0 m	0200						
Part No.								
	Reference: 6.0.1	E.g: <u> 950120 </u>		<u> 963 </u>		<u> 0500 </u>		
		1 Form		2 Cable type		3 Cable length		
Notes		Cable parameter: B3.0.7 Size parameter: B3.0.5 Accessories on page: B4.7.5 The cable length is customized , it can be changed in the third part of the part number , Cable length unit: cm						

7/8" ROUND PLUG CONNECTOR

Pre-wired or PCB installation

7/8" Male

7/8" Female

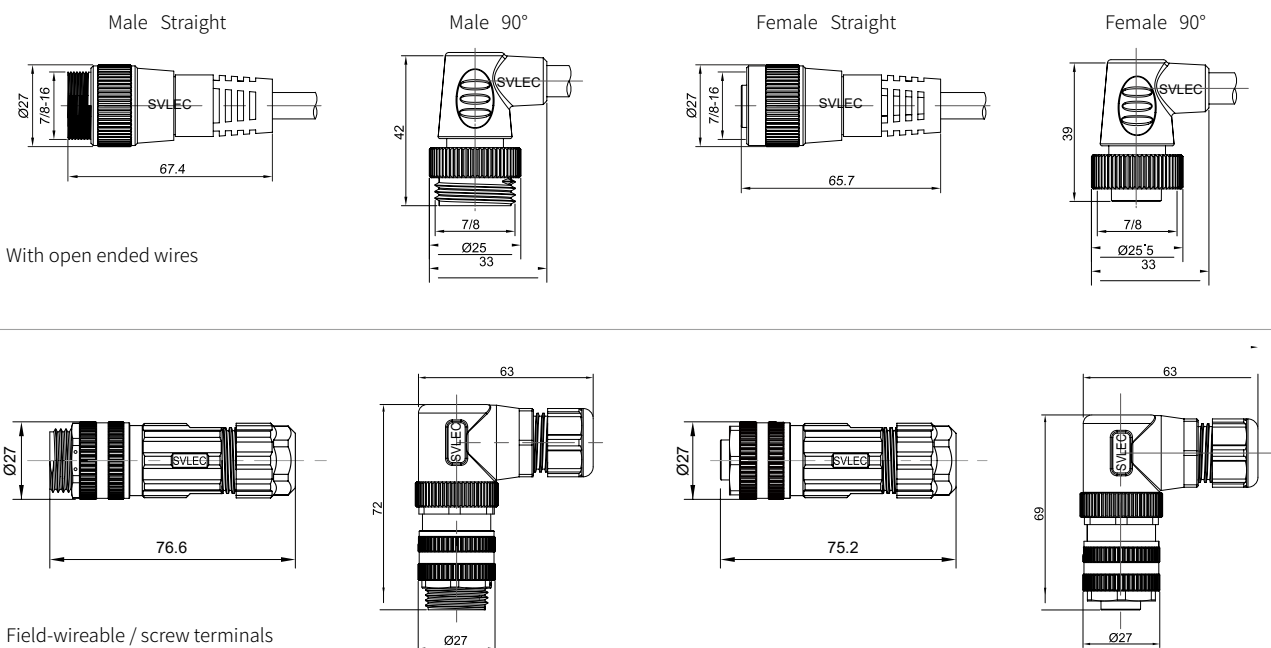


1	Form	No.	978311	978331	978341	978361	978351	978381										
	Suppression		3-pole	4-pole	5-pole	3-pole	4-pole	5-pole										
	Circuit diagram																	
	Contact layout																	
2	Suitable mounting nut	986 (PG13.5)																
3	Technical data		<table border="1"> <tr> <td>Supply voltage</td> <td>250V AC/DC</td> </tr> <tr> <td>Current per contact (40° C)</td> <td>10A</td> </tr> <tr> <td>Protection</td> <td>IP67- (EN60529) When plugged and screwed down</td> </tr> <tr> <td>Connection diameter</td> <td>1.5mm²</td> </tr> <tr> <td>Temperature range</td> <td>-25...+85 °C</td> </tr> </table>						Supply voltage	250V AC/DC	Current per contact (40° C)	10A	Protection	IP67- (EN60529) When plugged and screwed down	Connection diameter	1.5mm ²	Temperature range	-25...+85 °C
Supply voltage	250V AC/DC																	
Current per contact (40° C)	10A																	
Protection	IP67- (EN60529) When plugged and screwed down																	
Connection diameter	1.5mm ²																	
Temperature range	-25...+85 °C																	
	Part No.																	
	PCB product installation order only need to fill in the model	E.g: <u> 978311 </u> — <u> 986 </u> — <u> 0050 </u>																
		1 Form		2 Nut type		3 Cable length												
	Notes	Accessories on page: B4.2.5 The cable length is customized , it can be changed in the third part of the part number, Cable length unit: cm																

ACCESSORIES

Labeling accessories		Suitable for	Part No.
	Slip-on cable sleeves 4x18 mm	Cable diameter 4.0...6.5 mm	990000
	Snap-on cable sleeves 4x18 mm	Cable diameter 4.2...7.0 mm	990001
	Label plates 4x18 mm		990002
Protection cover	7/8" Male protection cover (metal)		955491
			
Protection cover	7/8" Female protection cover (metal)		955691
			
Blind plug	7/8" Female protection cover (plastic + Belt thread)		955692
			

7/8" Round plug connector Straight / 90°



FIELD BUS CABLE



With open ended wires M12

Shielded, B-coded

Male
Straight



Female
Straight



1	Form	No. 914051	914061
	Suppression	2-pole	2-pole
		Male 90°	Female 90°
2	Form	No. 914081	914071
	Suppression	2-pole	2-pole
	Circuit diagram		
	Contact layout		
	Cable type	Jacket color	
3	Wire 1x2xØ0.64mm	VT	VT
	PVC Fixed installation	840	840
	PUR Highly flexible	841	841
3	Cable length		
	1.5m	0150	
	3.0m	0300	
	5.0m	0500	
	7.5m	0750	
	10.0m	1000	
3	Part No.		
	Reference: 6.0.1	E.g.: <u> 914051 </u> - <u> 840 </u> - <u> 0500 </u>	
		1 Form	2 Cable type
			3 Cable length
Notes			
Cable parameter: B3.0.7 Size parameter: B3.0.5 Accessories on page: B4.7.5 The cable length is customized , it can be changed in the third part of the part number, Cable length unit: cm			



Connection cable M12
Shielded, B-coded

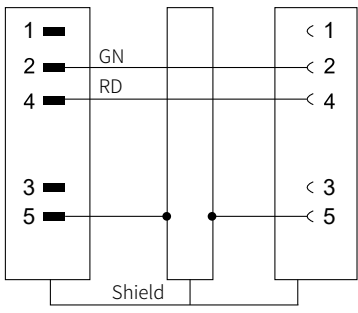
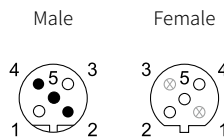
Male
Straight

Female
Straight

Male
90°

Female
90°



1	Form	No. 944001	944021
	Suppression	2-pole	2-pole
	Circuit diagram		
Contact layout			
2	Cable type	Jacket color	
	Wire 1x2xØ0.64mm	VT	
	PVC Fixed installation	840	
PUR Highly flexible	841		
3	Cable length		
	0.3m	0030	
	0.6m	0060	
	1.0m	0100	
	1.5m	0150	
	2.0m	0200	
Part No.			
Reference: 6.0.1	E.g.: <u> 944001 </u> – <u> 840 </u> – <u> 0500 </u>		
	1 Form	2 Cable type	3 Cable length
Notes			

Cable parameter: B3.0.7 Size parameter: B3.0.5 Accessories on page: B4.7.5
The cable length is customized, it can be changed in the third part of the part number, Cable length unit: cm

FIELD BUS TECHNOLOGY



With open ended wires M12
Shielded

Male
Straight



Female
Straight



1	Form	No.	913105	913225
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	Suppression	5-pole		5-pole
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Male
90°



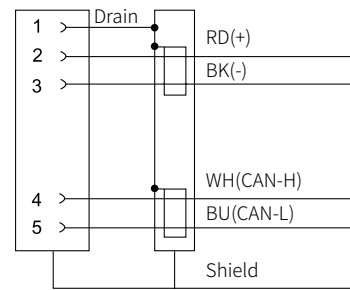
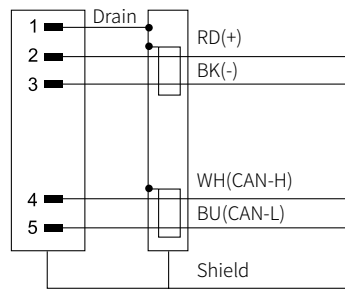
Female
90°



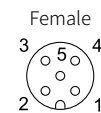
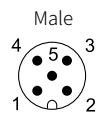
	Form	No.	913125	913251
--	------	-----	---------------	---------------

	Suppression	5-pole		5-pole
--	-------------	--------	--	--------

Circuit diagram



Contact layout



2	Cable type	Jacket color	
----------	------------	--------------	--

	DeviceNet Cable Thin	VT	VT
	Fixed installation	807	807
	Highly flexible	803	803

3	Cable length	
----------	--------------	--

	1.5m	0150
	3.0m	0300
	5.0m	0500
	7.5m	0750
	10.0m	1000

Part No.

Reference: 6.0.1

E.g.: 913105 — 809 — 0500

1 Form **2** Cable type **3** Cable length

Notes

Cable parameter: B3.0.7 Size parameter: B3.0.5 Accessories on page: B4.7.5
The cable length is customized, it can be changed in the third part of the part number, Cable length unit: cm



Connection cable M12
Shielded

Male
Straight

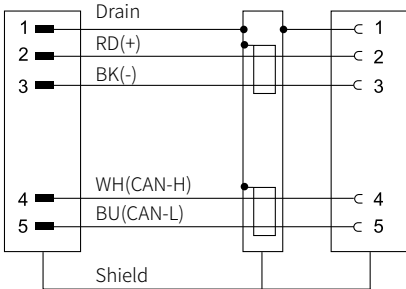




Female
Straight

Male
90°



Female
90°

1 Form	No.	940531	940551
	Suppression	5-pole	5-pole
Circuit diagram			
Contact layout	<div style="display: flex; justify-content: space-around;"> <div style="text-align: center;"> <p>Male</p>  </div> <div style="text-align: center;"> <p>Female</p>  </div> </div>		
2 Cable type	DeviceNet Cable Thin	Jacket color	
	Fixed installation	紫 VT	
	Highly flexible	807	
		803	
3 Cable length	1.5m	0150	
	3.0m	0300	
	5.0m	0500	
	7.5m	0750	
	10.0m	1000	
	Part No.		
Reference: 6.0.1	E.g.: <u> 940531 </u> — <u> 809 </u> — <u> 0500 </u>		
	1 Form	2 Cable type	3 Cable length
Notes	Cable parameter: B3.0.7 Size parameter: B3.0.5 Accessories on page: B4.7.5 The cable length is customized , it can be changed in the third part of the part number , Cable length unit: cm		

FIELD BUS TECHNOLOGY



7/8"
With open ended wires

Male
Straight



Female
Straight



1	Form	No.	978131	978121
----------	------	-----	---------------	---------------

	Suppression	5-pole		5-pole
--	-------------	--------	--	--------

Male
90°

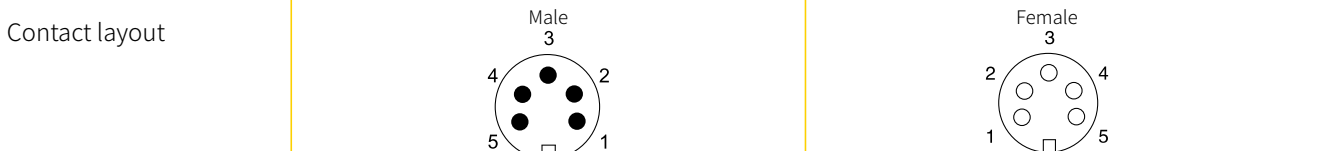
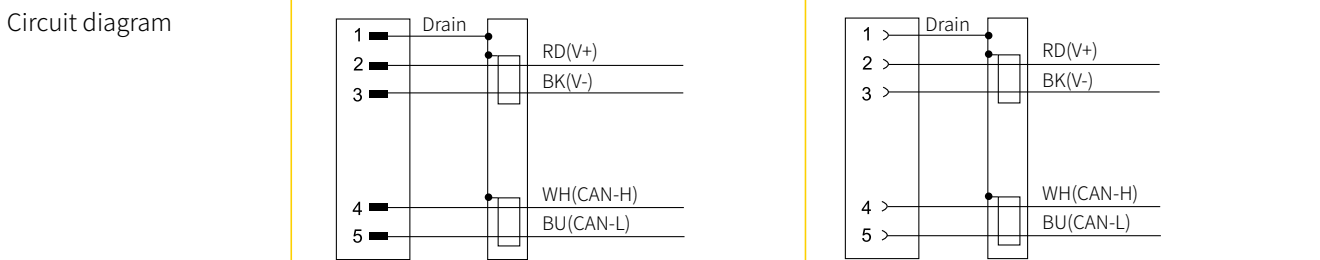


Female
90°



	Form	No.	978181	978151
--	------	-----	---------------	---------------

	Suppression	5-pole		5-pole
--	-------------	--------	--	--------



2	Cable type	Jacket color		
----------	------------	--------------	--	--

	DeviceNet Cable Thick	GY		GY
	Fixed installation	809		809
	DeviceNet Cable Thin	VT		VT
	Fixed installation	807		807
	Highly flexible	803		803

3	Cable length	
----------	--------------	--

	1.5 m	0150
	3.0 m	0300
	5.0 m	0500
	7.5 m	0750
	10.0 m	1000

Part No.	
----------	--

Reference: 6.0.1	E.g.: <u> 978121 </u> — <u> 809 </u> — <u> 0500 </u>
------------------	--

1 Form	2 Cable type	3 Cable length
---------------	---------------------	-----------------------

Notes	
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Cable parameter: B3.0.7 Size parameter: B3.0.5 Accessories on page: B4.7.5
The cable length is customized , it can be changed in the third part of the part number, Cable length unit: cm



7/8"
Connection cable

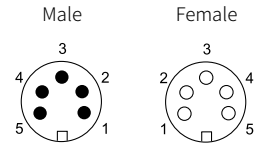
Male
Straight

Female
Straight

Male
90°

Female
90°



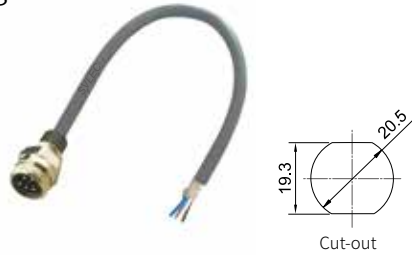
1	Form	No.	950121	950151
	Suppression		5-pole	5-pole
	Circuit diagram			
	Contact layout			
2	Cable type	Jacket color		
	DeviceNet Cable Thick	GY		
	Fixed installation	809		
	DeviceNet Cable Thin	VT		
	Fixed installation	807		
Highly flexible	803			
3	Cable length			
	0.3 m	0030		
	0.6 m	0060		
	1.0 m	0100		
	1.5 m	0150		
	2.0 m	0200		
Part No.				
	Reference: 6.0.1	E.g.:	<u> 950121 </u>	- <u> 809 </u> - <u> 0500 </u>
		1	Form	2 Cable type
		3	Cable length	
Notes				
Cable parameter: B3.0.7 Size parameter: B3.0.5 Accessories on page: B4.7.5 The cable length is customized , it can be changed in the third part of the part number , Cable length unit: cm				

FIELD BUS TECHNOLOGY

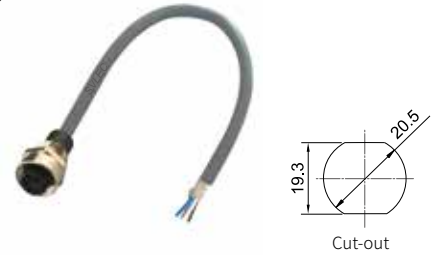


7/8"
With open ended wires

Male
Straight



Female
Straight



1	Form	No.	978501	978521
	Suppression		5-pole	5-pole
	Circuit diagram			
	Contact layout		<p>Male</p>	<p>Female</p>
2	Cable type	Jacket color		
	DeviceNet Cable Thick	GY		
	Fixed installation	809		
	DeviceNet Cable Thin	VT		
	Fixed installation	807		
	Highly flexible	803		
3	Cable length			
	0.3 m	0030		
	0.6 m	0060		
	1.0 m	0100		
	1.5 m	0150		
	2.0 m	0200		
	Part No.			
	Reference: 6.0.1	E.g.: <u> 978501 </u> — <u> 809 </u> — <u> 0500 </u>		
		1 Form	2 Cable type	3 Cable length
	Notes	Cable parameter: B3.0.7 Size parameter: B3.0.5 Accessories on page: B4.7.5 The cable length is customized , it can be changed in the third part of the part number, Cable length unit: cm		



FESTO
Connection cable
Shielded

Male
M8 D-Code
Straight



Male
M8 D-Code
Straight

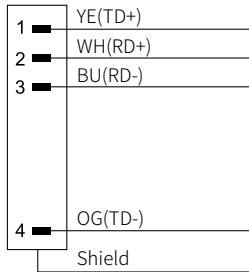
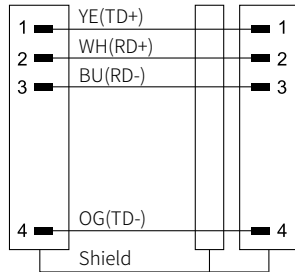
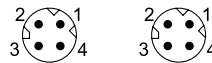
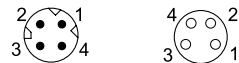


Male
M8 D-Code
Straight

Male
M8 D-Code
Straight



Female
M8 A-Code
Straight

1	Form	No.	988800	988802	988803
	Suppression	4-pole		4-pole	4-pole
	Circuit diagram				
	Contact layout	<p>Male</p> 		<p>Male Male</p> 	<p>Male Female</p> 
2	Cable type	Jacket color			
	Profinet 2x2x22AWG	GN			
	Fixed installation Type B	794			
Highly flexible Type C	796				
3	Cable length				
	1.5m	0150			
	3.0m	0300			
	5.0m	0500			
	7.5m	0750			
	10.0m	1000			
Part No.					
Reference: 6.0.1	E.g.: <u> 988802 </u> – <u> 790 </u> – <u> 0500 </u>				
	1 Form	2 Cable type	3 Cable length		
Notes	Cable parameter: B3.0.7 Size parameter: B3.0.5 Accessories on page: B4.7.5 The cable length is customized, it can be changed in the third part of the part number, Cable length unit: cm				

ETHERNET-TECHNOLOGY



CAT.5e
M8
Shielded

Male M8
Straight



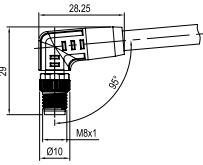
Male M8
Straight



Male M8
Straight

1	Form	No.	989701	988701
----------	-------------	------------	---------------	---------------

Suppression	4-pole	4-pole
-------------	--------	--------



Male M8
90°



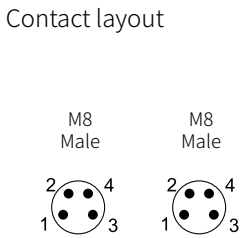
Male M8
90°



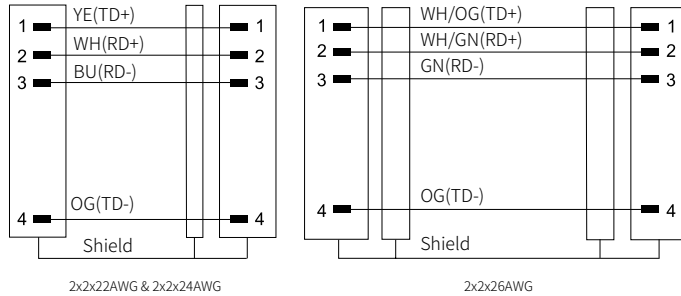
Male M8
90°

	Form	No.	989721	988721
--	-------------	------------	---------------	---------------

Suppression	4-pole	4-pole
-------------	--------	--------



Circuit diagram



2	Cable type	Jacket color
----------	-------------------	---------------------

Profinet (2x2x22AWG)	GN	
Fixed installation Type B	794	
Highly flexible Type C	796	
CAT 5e. (2x2x24AWG)		BU
Flexible installation PVC	795	782
Highly flexible PUR	797	
CAT 5e. (2x2x26AWG)		
Flexible installation PVC		791
Highly flexible PUR		793

3	Cable length	
----------	---------------------	--

1.5m	0150
3.0m	0300
5.0m	0500
7.5m	0750
10.0m	1000

Part No.	
-----------------	--

Reference: 6.0.1	E.g.: <u>989701</u> - <u>794</u> - <u>0500</u>
------------------	--

1 Form **2** Cable type **3** Cable length

Notes	
--------------	--

Cable parameter: B3.0.7 Size parameter: B3.0.5 Accessories on page: B4.7.5
The cable length is customized , it can be changed in the third part of the part number, Cable length unit: cm



CAT.5e
M8
Shielded

Male M8
Straight

RJ45

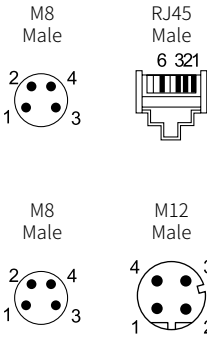
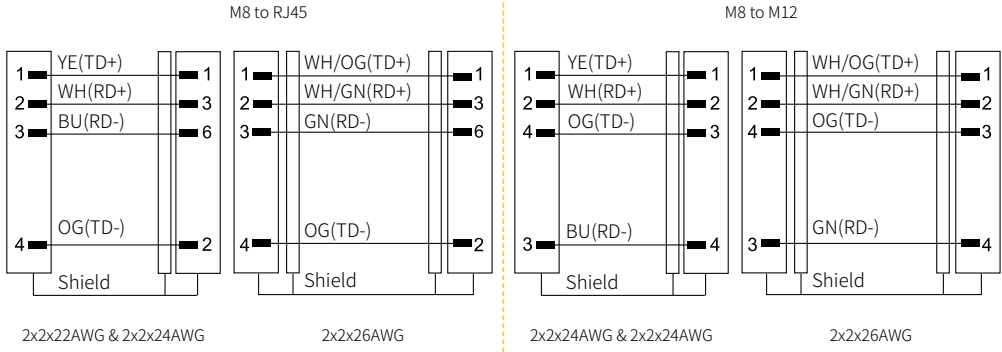

Male M8
90°

RJ45
Straight

Male M8
Straight
A-code

Male M12
Straight
D-code



1	Form	No.	934911	934912	944901
	Form	No.	934911Y	934912Y	
	Suppression		4-pole	4-pole	4-pole
	Contact layout		Circuit diagram		
					
					
2	Cable type	Jacket color			
	Profinet (2x2x22AWG)	GN			
	Fixed installation Type A	794			
	Highly flexible Type C	796			
	CAT 5e. (2x2x24AWG)	BU			
	Flexible installation PVC	795	782		
	Highly flexible PUR	797			
	CAT 5e. (2x2x26AWG)				
	Flexible installation PVC		791		
Highly flexible PUR		793			
3	Cable length				
	1.5m	0150			
	3.0m	0300			
	5.0m	0500			
	7.5m	0750			
	10.0m	1000			
Part No.					
	Reference: 6.0.1	E.g.: <u>934911</u> - <u>794</u> - <u>0500</u>			
		1 Form	2 Cable type	3 Cable length	
Notes	Cable parameter: B3.0.7 Size parameter: B3.0.5 Accessories on page: B4.7.5 The cable length is customized, it can be changed in the third part of the part number, Cable length unit: cm				

ETHERNET-TECHNOLOGY



CAT.5e
M12
Shielded, D-Code

Male M12
Straight



Male M12
Straight



Male M12
Straight

1	Form	No.	914541 (曾用料号: 944873)	944511 (曾用料号: 944521)
----------	-------------	------------	------------------------------	------------------------------

Suppression	4-pole	4-pole
	Male M12 90°	Male M12 90° Male M12 90°

Form	No.	914561	944561
-------------	------------	---------------	---------------

Suppression	4-pole
Contact layout	Circuit diagram

2	Cable type	Jacket color
----------	-------------------	---------------------

Profinet (2x2x22AWG)	GN	
Fixed installation Type A	790	
Highly flexible Type C	796	
CAT 5e. (2x2x24AWG)		BU
Flexible installation PVC	795	782
Highly flexible PUR	797	
CAT 5e. (2x2x26AWG)		
Flexible installation PVC		791
Highly flexible PUR		793

3	Cable length
----------	---------------------

1.5m	0150
3.0m	0300
5.0m	0500
7.5m	0750
10.0m	1000

Part No.

Reference: 6.0.1	E.g.: <u>914541</u> - <u>790</u> - <u>0500</u>
------------------	--

1 Form **2** Cable type **3** Cable length

Notes

Cable parameter: B3.0.7 Size parameter: B3.0.5 Accessories on page: B4.7.5
The cable length is customized, it can be changed in the third part of the part number, Cable length unit: cm

ETHERNET-TECHNOLOGY



CAT.5e

Shielded

Male M12
Straight

Male RJ45

Male M12
90°

Male RJ45

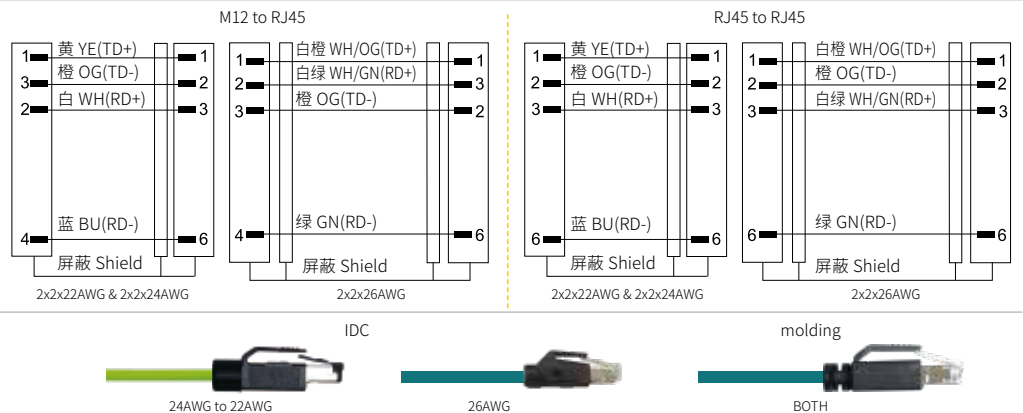
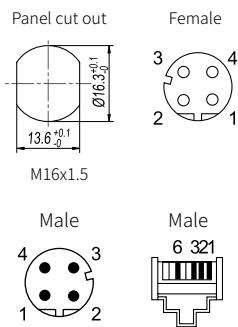


1	Form	No.	944711 (曾用料号: 944911)	944761
	Molding Form		944711Y (曾用料号: 944911Y)	944761Y
	Suppression		4-pole	4-pole
			Female M12	Male RJ45 IDC
				Male RJ45
				Male RJ45



Form	No.	944733 (曾用料号: 944771)	999711 (曾用料号: 999611)
Molding Form		944733Y (曾用料号: 944771Y)	999711Y (曾用料号: 999611Y)
Suppression		4-pole	4-pole

Contact layout



2	Cable type	Jacket color
	Profinet (2x2x22AWG)	GN
	Fixed installation Type A	790
	Highly flexible Type C	796
	CAT 5e. (2x2x24AWG)	BU
	Flexible installation PVC	795, 782
	Highly flexible PUR	797
	CAT 5e. (2x2x26AWG)	
	Flexible installation PVC	791
	Highly flexible PUR	793

3	Cable length	
	1.5m	0150
	3.0m	0300
	5.0m	0500
	7.5m	0750
	10.0m	1000

Part No.	
Reference: 6.0.1	E.g.: <u>944733</u> - <u>790</u> - <u>0500</u>
	1 Form 2 Cable type 3 Cable length

Notes

Cable parameter: B3.0.7 Size parameter: B3.0.5 Accessories on page: B4.7.5
The cable length is customized, it can be changed in the third part of the part number, Cable length unit: cm

ETHERNET-TECHNOLOGY



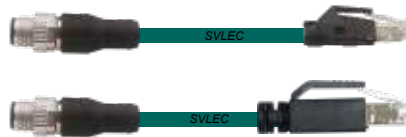
Ethernet 300M -1 Gbps
 CAT.5e
 Connection cable
 Shielded

Male M12
 Straight

Male RJ45
 Straight

Male RJ45
 Straight

Male RJ45
 Straight



Molding



Molding

1 Form	No.	944811	999811								
	Molding Form	944811Y	999811Y								
	Suppression	8-pole	8-pole								
	Circuit diagram										
Contact layout											
2 Cable type	Jacket color	<table border="1"> <tr> <td>CAT 5e. 4x2x26AWG</td> <td>BU</td> </tr> <tr> <td>Flexible installation PVC</td> <td>792</td> </tr> <tr> <td>Highly flexible PUR</td> <td>799</td> </tr> <tr> <td>Robot cable</td> <td>787UL</td> </tr> </table>		CAT 5e. 4x2x26AWG	BU	Flexible installation PVC	792	Highly flexible PUR	799	Robot cable	787UL
	CAT 5e. 4x2x26AWG	BU									
	Flexible installation PVC	792									
	Highly flexible PUR	799									
Robot cable	787UL										
3 Cable length	1.5m	0150									
	3.0m	0300									
	5.0m	0500									
	7.5m	0750									
	10.0m	1000									
Part No.	<p>Reference: 6.0.1</p> <p>E.g.: <u> 944811 </u> — <u> 792 </u> — <u> 0500 </u></p> <p>1 Form 2 Cable type 3 Cable length</p>										
Notes	<p>Cable parameter: B3.0.7 Size parameter: B3.0.5 Accessories on page: B4.7.5 The cable length is customized , it can be changed in the third part of the part number, Cable length unit: cm</p>										

M12 X CODE CABLE

POE CAT.6_A
 X-code to M12
 CAT 6_A
 10 Gdps
 Shielded

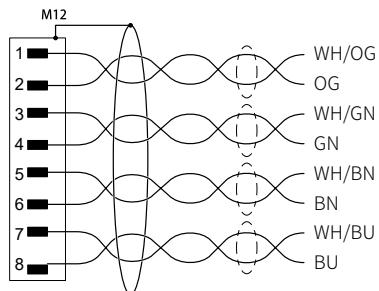
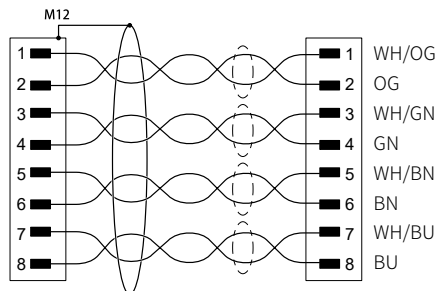
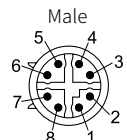
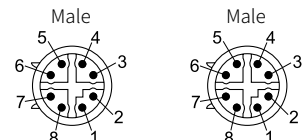
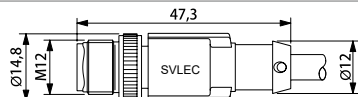
Male M12
 Straight



Male M12
 Straight

Male M12
 Straight



1	Form	No.	917484	917485
	Suppression		8-pole	8-pole
	Circuit diagram			
	Contact layout			
2	Cable type	Jacket color		
	CAT 6 _A . 4x(2x26AWG)	GN		
	Flexible installation	789		
	Highly flexible PUR	779		
				
3	Cable length			
	1.5m	0150		
	3.0m	0300		
	5.0m	0500		
	7.5m	0750		
	10.0m	1000		
	Technical data			
	Supply voltage	30 V AC/DC		
	Protection	When plugged and screwed down IP67 (EN60529)		
	Temperature range	-25...+85° C		
	Part No.			
	Reference: 6.0.1		E.g.: <u>917484</u> — <u>789</u> — <u>0500</u>	
		1	Form	2 Cable type
		3	Cable length	
	Notes		Cable parameter: B3.0.7 Size parameter: B3.0.5 Accessories on page: B4.7.5 The cable length is customized , it can be changed in the third part of the part number, Cable length unit: cm	

ETHERNET-TECHNOLOGY

EtherNet/IP
conformance tested

Ethernet 10 Gbps

CAT.6_A

Connection cable

Shielded

Male M12
Straight

Male RJ45

Male RJ45

Male RJ45



1	Form	No.	948811	999851
	Suppression		8-pole	8-pole
	Circuit diagram			
	Contact layout			
2	Cable type	Jacket color		
	CAT 6 _A , 4x(2x26AWG)	GN		
	Flexible installation	789		
	Highly flexible PUR	779		
3	Cable length			
	1.5m	0150		
	3.0m	0300		
	5.0m	0500		
	7.5m	0750		
	10.0m	1000		
	Technical data			
	Supply voltage	30 V AC/DC		
	Protection	IP67 (M12) - IP20 (RJ45) When plugged and screwed down (EN60529)		
	Temperature range	-25...+85° C		
	Part No.			
	Reference: 6.0.1	E.g.: <u> 948811 </u> - <u> 789 </u> - <u> 0500 </u>		
		1 Form	2 Cable type	3 Cable length
	Notes	Cable parameter: B3.0.7 Size parameter: B3.0.5 Accessories on page: B4.7.5 The cable length is customized , it can be changed in the third part of the part number, Cable length unit: cm		

CC-Link

With open ended wires M12

A-Code



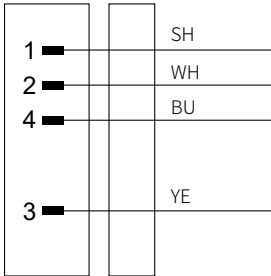
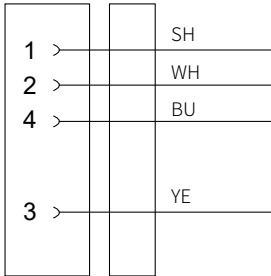
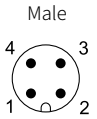
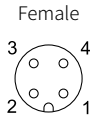
Shielded, A-code

Male
Straight



Female
Straight



1	Form	No.	947011	947021
	Suppression		4-pole	4-pole
			Male 90°	Female 90°
				
1	Form	No.	947311	947321
	Suppression		4-pole	4-pole
	Circuit diagram			
	Contact layout		Male 	Female 
2	Cable type	Jacket color		
	CSA 3x0.5mm ² PVC Fixed installation	RD 760	红 RD 760	
3	Cable length			
	1.5m		0150	
	3.0m		0300	
	5.0m		0500	
	7.5m		0750	
	10.0m		1000	
Part No.				
	Reference: 6.0.1	E.g.:	<u> 947011 </u> - <u> 760 </u> - <u> 0500 </u>	
		1 Form	2 Cable type	3 Cable length
Notes	Cable parameter: B3.0.7 Size parameter: B3.0.5 Accessories on page: B4.7.5 The cable length is customized , it can be changed in the third part of the part number , Cable length unit: cm			

现场总线连接器 PLUG CONNECTORS FOR FIELDBUS TECHNOLOGY

CC-Link

With open ended wires M12

A-Code

Shielded, A-code

Male
Straight

Female
Straight

Male
90°

Female
90°



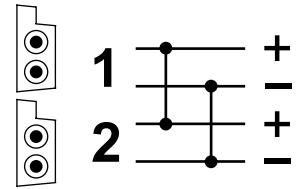
1	Form	No.	987021	987321
	Suppression		4-pole	4-pole
	Circuit diagram			
	Contact layout			
2	Cable type	Jacket color		
	CSA CSA 3x0.5mm ²	RD		
	PVC Fixed installation	760		
3	Cable length			
	0.3m	0030		
	0.6m	0060		
	1.0m	0100		
	1.5m	0150		
	2.0m	0200		
	Part No.			
	Reference: 6.0.1	E.g.: <u> 987021 </u> – <u> 760 </u> – <u> 0500 </u>		
		1 Form	2 Cable type	3 Cable length
	Notes			

Cable parameter: B3.0.7 Size parameter: B3.0.5 Accessories on page: B4.7.5
The cable length is customized, it can be changed in the third part of the part number, Cable length unit: cm

AS-i Passive Distributor

Insulation penetration technology

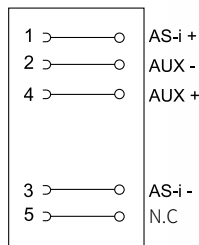
Female Straight



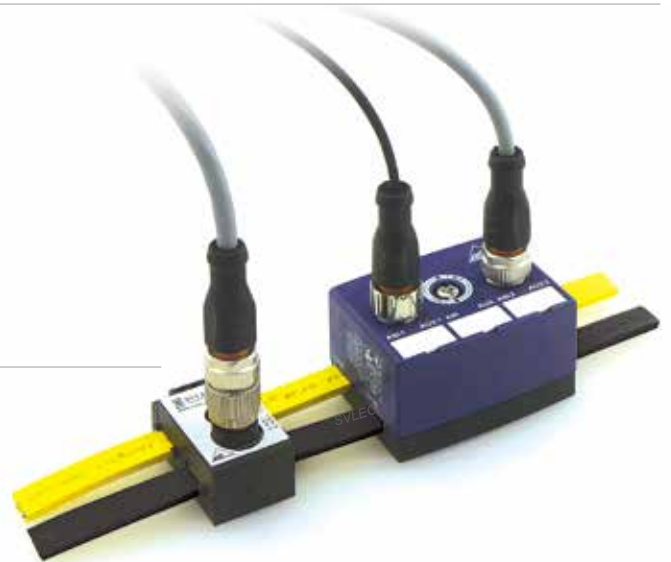
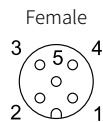
1 Form No. 912909

Suppression 5-pole

Circuit diagram



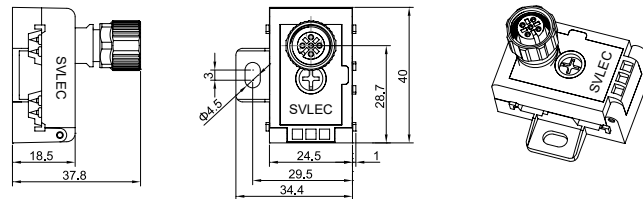
Contact layout



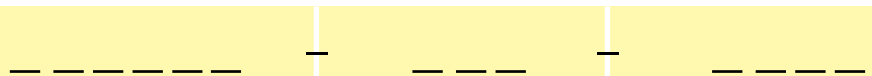
2 Technical data

Supply voltage	10 ... 32 V _{DC} PELV
Current per contact (40° C)	max. ≤ 4 A
Housing material	Flame retardant plastic
Wiring method	Insulation penetration technology
Protection	IP67- (EN 60529) When plugged and screwed down
Temperature range	-30 ... 70 ° C

Description



Part No.



1 Form

Notes

AS-Interface

AS-i

Female
Straight



Female
90°



AS-i



1	Form	No.	912968	912969	912959
	Suppression		2-pole	4-pole	4-pole
	Circuit diagram				
	Contact layout		<p>Female</p>	<p>Female</p>	
2	Cable type	Jacket color			
	CSA CSA 0.34mm ²	BK	BK	BK	BK
	PUR	623	624	624	624
3	Cable length				
	0.3m	0030			
	0.6m	0060			
	1.0m	0100			
	1.5m	0150			
	2.0m	0200			
	Description				
Part No.					
E.g.:		912959	623	0500	
		1 Form	2 Cable type	3 Cable length	
Notes					

AS-i Passive Distributor

	Profile cable connection	Connection	Part No.
ASi/AUX 	ASi/AUX -2 x M12, with protection 1 x A Si, 1 x AUX 1 x ASi, 1 x AUX  	4 A, changeable, 2 x M12 sockets, 5-poles 1 A, self-resetting, 2 x M12 sockets, 5-poles	912929 912939
ASi 	ASi/AUX-2 x ASi 2 x ASi  	profile cable branch	913157
AS-i IO 	AS-i IO 4 x DI, 4 x DO	1 A, self-resetting, 6-poles	912960
Flat cable (YE) 	2x1.5 mm ² PUR, C-tracks PVC, C-tracks		784 780
Flat cable (BK) 	2x1.5 mm ² PUR, C-tracks PVC, C-tracks		786 781
	2x2.5 mm ² PUR, C-tracks		785

AS-i

-M8 B-Code

Male
Straight



Female
Straight







Male
Straight



Female
Straight



1		Form	No.	908151	908051	988101	
FOOD & BEVERAGE							
Suppression		5-pole		5-pole		5-pole	
Circuit diagram							
Contact layout							
2		Cable type	Jacket color				
CSA 3x0.14+2x0.34mm ²		BK					
PVC		612					
3		Cable length					
1.5m		0150					
3.0m		0300					
5.0m		0500					
7.5m		0750					
10.0m		1000					
Part No.							
Reference: B3.0.1		E.g.: <u> 908151 </u> — <u> 612 </u> — <u> 0500 </u>					
		1 Form	2 Cable type		3 Cable length		
Notes							
		Cable parameter: B3.0.7 Size parameter: B3.0.5 Accessories on page: B4.7.5 The cable length is customized , it can be changed in the third part of the part number, Cable length unit: cm					




DEVICENET, CANOPEN

Describe	M12 male A-code		M12 female A-code		M12 male Shielded		M12 femal Shielded		M12 male Shielded		M12 female Shielded	
												
	CC-Link	Devicenet	CC-Link	Devicenet	Profibus	以太网/Profinet	Profibus	以太网/Profinet	Profibus	以太网/Profinet	Profibus	以太网/Profinet
Suppression	4-pin	5-pin	4-pin	5-pin	B-Code 5-pin	D-Code 4-pin	B-Code 5-pin	D-Code 4-pin	B-Code 5-pin	D-Code 4-pin	B-Code 5-pin	D-Code 4-pin
Part No.:	912741	912761	912941	912961	914001	914521	914021	914621	914011	914581	914031	914661




Describe	M12 male A-coded	M12 female A-coded	7/8" male	7/8" female	7/8" male	7/8" female
						
Suppression	5-pin Devicenet		5-pin Devicenet	5-pin Devicenet	5-pin Devicenet	5-pin Devicenet
Part No.	912881		913041	978081	978201	978141

Describe	RJ45 M shielded, Eth, crimp		RJ45 M shielded, Eth, IDC		RJ45 M shielded, Eth, IDC		RJ45 M shielded, Eth, IDC	
								
Suppression	8-pin IP20		4-pin IP20	8-pin IP20	4-pin IP20	8-pin IP20	4-pin IP20	
Part No.	999041		999051	999181	999061	999071	999161	

Describe	M12 M, Panel mount, shielded			M12 F, Panel mount, Shielded		
						
	Devicenet	Profibus	Eth/Profinet	Devicenet	Profibus	Eth/Profinet
Suppression	A-Code 5 pin	B-Code 5 pin	D-Code 4 pin	A-Code 5 pin	B-Code 5 pin	D-Code 4 pin
Part No.	913521-803-xxxx	913522-840-xxxx	913503-790-xxxx	913561-803-xxxx	913562-840-xxxx	914501-790-xxxx
Part No.	913524-803-xxxx	914121-840-xxxx	913506-790-xxxx	913564-803-xxxx	914164-840-xxxx	913546-790-xxxx

Describe	M12 males			M12 Terminal			7/8" Terminal
							
	Devicenet	Profibus	Eth Profine	CC-Link	Devicenet	Profibus	Devicenet
Suppression	A-Code 5 pin	B-Code 5 pin	D-Code 4 pin	A-Code 4 pin	A-Code 5 pin	B-Code 5 pin	5-pin
Part No.	942111	944111	949111	947001	913461	914041	978301

Describe	M12 FD code to RJ45 adapter	M12 F D code to RJ45 adapter	M12 MD code to RJ45 adapter	M12-2M12 T Split Shielded	M12-2M12 T Split	M12-2M12 T Split
						
Suppression	CAT 5e D-Code 4 pin	CAT 5e D-Code 4 pin	CAT 5e D-Code 4 pin	B-Code 5 pin Profibus	A-Code 5 pin DeviceNet	T-Code 4 pin
Part No.	9450120001	9450120002	9450120003	941061	940061	943061

Describe	7/8" T Split	7/8" - M12 T Split	45°	45°	45°	45°
						
Suppression	A-Code 5 pin Devicenet	A-Code 5 pin Devicenet	Profibus D-SUB-D9	Profibus D-SUB-D9	Profibus D-SUB-D9	Profibus D-SUB-D9
Part No.	950061	950081	955761	955762	955751	955752

PROFINET-TECHNOLOGY

Push pull
AIDA conform

RJ45 Male
Straight



RJ45 Male
Straight

RJ45 Male
Straight



1	Form	No.	974601	974602	974641	974642	
	Suppression		4-pole	8-pole	4-pole	8-pole	
	Circuit diagram						
	Contact layout						
2	Cable type	Jacket color					
	Profinet	GN	BU	GN	BU		
	Fixed installation Type A	794	792	794	792		
	Anti-weld slag C	796	799	796	799		
3	Cable length						
	1.5m	0150					
	3.0m	0300					
	5.0m	0500					
	7.5m	0750					
	10.0m	1000					
4	Technical data						
	Supply voltage	max. 60 V DC					
	Protection	IP67- (EN60529) When plugged and screwed down					
	Temperature range	-25...+85 ° C					
	Part No.						
	Reference: B3.0.1	E.g.:	974601	794	0500		
		1	Form	2	Cable type	3	Cable length
	Notes						
			Cable parameter: B3.0.7 Accessories and technical page: B1.1.6 The cable length is customized , it can be changed in the third part of the part number , Cable length unit: cm				

PROFINET-TECHNOLOGY

Power connector
Push pull

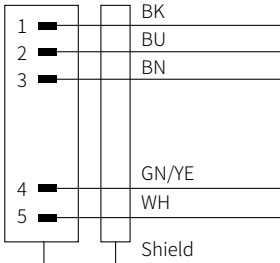
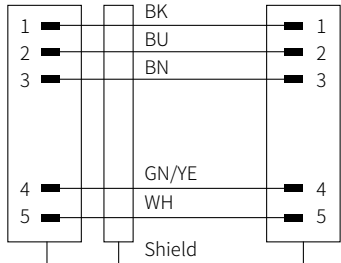
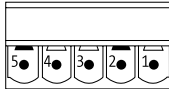

Male
Straight



Male
Straight

Male
Straight



1	Form	No.	999621	999641
	Suppression		5-pole	5-pole
	Circuit diagram			
	Contact layout			
2	Cable type	Jacket color		
	CSA 1.5mm ²		YE	
	PVC Fixed installation		961	
3	Cable length			
	1.5m		0150	
	3.0m		0300	
	5.0m		0500	
	7.5m		0750	
	10.0m		1000	
4	Technical data			
	Supply voltage	max. 24 V AC/DC		
	Protection	IP67- (EN60529) When plugged and screwed down		
	Temperature range	-40...+70 ° C		
	Part No.			
	Reference: B3.0.1	E.g.: <u> 999621 </u> - <u> 961 </u> - <u> 0500 </u>		
		1	2	3
		Form	Cable type	Cable length
Notes				
	Cable parameter: B3.0.7 Accessories and technical page: B1.1.6 The cable length is customized , it can be changed in the third part of the part number , Cable length unit: cm			

FIELD BUS CABLE

		Part No.			Part No.
	Profibus			Profibus	
	1 x 2 x Ø0.64 mm Violet Fixed installation	840		1 x 2 x Ø0.64 mm Violet Suitable for C-tracks	841
	DeviceNet, CANopen			DeviceNet, CANopen	
	2 x 23AWG + 2 x 22AWG Violet, Cable Thin Highly flexible	803		2 x 23AWG + 2 x 22AWG Violet, Cable Thin Fixed installation	807
	DeviceNet, CANopen			CC-Link	
	2 x 18AWG + 2 x 15AWG Gray, Cable Thick Fixed installation	809		3 x 20AWG Red Fixed installation	760
	Profinet			Profinet	
	2 x 2 x 22AWG1 Green Fixed installation Type A	790		2 x 2 x 22AWG7 Green Highly flexible Type C	796
	EtherNet CAT.6 _A			EtherNet CAT.5e	
	4 x 2 x 26AWG Green Flexible installation	789		Green 2 x 2 x 24AWG7 Flexible installation 2 x 2 x 24AWG19 Highly flexible	795 797
	EtherNet CAT.5e			EtherNet CAT.5e	
	Blue 2 x 2 x 26AWG7 Flexible installation 2 x 2 x 26AWG19 Highly flexible	791 793		Blue 4 x 2 x 26AWG7 Flexible installation 4 x 2 x 26AWG19 Highly flexible	792 799