

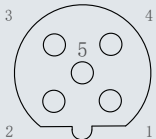
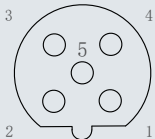
Through-plate Connector With Prefabricated Cable, Type 8bi



Installation Behind The Board



Installation Behind The Board



Technical Parameters

M12 Circular Connector, Conforming To:	M16 Fastening Thread IEC 61076-2-101	PG9 Fastening Thread IEC 61076-2-101
Pollution Level	3	3
Protection Grade	IP67	IP67
Electrical Parameters		
Rated Voltage	60 V DC	60 V DC
Rated Current	4A	4A
Contact Resistance	≤ 3 mΩ	≤ 3 mΩ
Insulation Resistance	≥100 mΩ	≥100 mΩ
Material Data		
Pin Surface Material	CuSn/Ni/Au	CuZn/Ni/Au
Core Material	PA 66 GF	PA 66 GF
Flame Retardant Grade, In Compliance With UL94	V0	V0
Temperature Parameter		
Needle Type/hole Type	[°c] -25 ... 85	-25 ... 85

Order Data

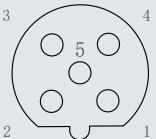
Through-plate Plug-in Connector, Type B Code, With Bus System Cable, 6-wire System Shielding, Halogen-free PUR, Green External Sheath, 3×2×0.25mm ²		Model	Order Number	Model	Order Number
Hole Type	0.5m	SB507-0.5M	2322252340	SB509-0.5M	2322252349
Needle Type	0.5m	SB5M7-0.5M	2322251340	SB5M9-0.5M	2322251349
Hole Type	1m	SB507-1.0M	2322252440	SB509-1.0M	2322252449
Needle Type	1m	SB5M7-1.0M	2322251440	SB5M9-1.0M	2322251449
Hole Type	2m	SB507-2.0M	2322252540	SB509-2.0M	2322252549
Needle Type	2m	SB5M7-2.0M	2322251540	SB5M9-2.0M	2322251549
Hole Type	5m	SB507-5.0M	2322252640	SB509-5.0M	2322252649
Needle Type	5m	SB5M7-5.0M	2322251640	SB5M9-5.0M	2322251649
EMC Hexagonal Nuts, Fine-toothed, For All Hole Types:					
M16 Fastening Thread		SB507-M16	2322252140		
PG9 Fastening Thread				SB509-Pg9	2322252149

Signal indication and line distribution

M12	Core color of The wire	Signal	M12	Core color of The wire	Signal
1	Yellow	DO	1	Yellow	DO
2	Green	DO	2	Green	DO
3	Grey	DI	3	Grey	DI
4	Pink	DI	4	Pink	DI
5	Brown	COM	5	Brown	COM
	White	NC		White	NC



It Is Installed In Front Of The Board And Can Be Positioned



Technical Parameters

M12 Circular Connector, Conforming To:	M16 Fastening Thread IEC 61076-2-101
Pollution Level	3
Protection Grade	IP67
Electrical Parameters	
Rated Voltage	60V
Rated Current	4A
Contact Resistance	≤ 3 mΩ
Insulation Resistance	≥100 mΩ
Material Data	
Pin Surface Material	CuZn/Ni/Au
Core Material	PA 66 GF
Flame Retardant Grade, In Compliance With UL94	V0
Temperature Parameter	
Needle Type/hole Type	[°c] -25 ... 85

Order Data

Through-plate Plug-in Connector, Type B Code, With Bus System Cable, 6-wire System Shielding, Halogen-free PUR, Green External Sheath, 3×2×0.25mm ²		Model	Order Number
Hole Type	0.5m	SB508-0.5M	2322252348
Needle Type	0.5m	SB5M8-0.5M	2322251348
Hole Type	1m	SB508-1.0M	2322252448
Needle Type	1m	SB5M8-1.0M	2322251448
Hole Type	2m	SB508-2.0M	2322252548
Needle Type	2m	SB5M8-2.0M	2322251548
Hole Type	5m	SB508-5.0M	2322252648
Needle Type	5m	SB5M8-5.0M	2322251648
EMC Hexagonal Nuts, Fine-toothed, For All Hole Types:			
M16 Fastening Thread			
PG9 Fastening Thread			

Signal indication and line distribution

M12	Core color of The wire	Signal
1	Yellow	DO
2	Green	DO
3	Grey	DI
4	Pink	DI
5	Brown	COM
	White	NC

穿板式连接器，带预制电缆，8BR 型

DeviceNet CANopen 板后安装 板后安装		
3 4 5 1 2 3 4 5 1 2		
技术参数		
M12圆形连接器，符合： 污染等级 防护等级 电气参数 额定电压 额定电流 接触电阻 绝缘电阻 材料数据 插针/插针表面材料 插芯材料 阻燃等级，符合UL94 温度参数 针式 / 孔式	M16紧固螺纹 IEC 61076-2-101 3 IP67 60V 4A ≤ 3 mΩ ≥100 MΩ CuZn/Ni/Au PA 66 V0 -25 ... 85	PG9紧固螺纹 IEC 61076-2-101 3 IP67 60V 4A ≤ 3 mΩ ≥100 MΩ CuZn/Ni/Au PA 66 V0 -25 ... 85
订货数据		
穿板式插拔连接器，A型编码，带总线系统电缆，4线制，屏蔽，无卤素PUR，紫色外部护套，2×0.34mm²； 2×0.25mm²		
孔式 针式 孔式 针式 孔式 针式 孔式 针式	0.5m 0.5m 1m 1m 2m 2m 5m 5m	SA507-0.5M SA5M7-0.5M SA507-1.0M SA5M7-1.0M SA507-2.0M SA5M7-2.0M SA507-5.0M SA5M7-5.0M
EMC六角螺母，细齿，用于所有孔式： M16紧固螺纹 PG9紧固螺纹	2322152340 2322151340 2322152440 2322151440 2322152540 2322151540 2322152640 2322151640 SA507-M16 2322152140	SA509-0.5M SA5M9-0.5M SA509-1.0M SA5M9-1.0M SA509-2.0M SA5M9-2.0M SA509-5.0M SA5M9-5.0M SA509-PG9 2322152149
信号指示、线路分配		
M12	线芯颜色	信号
1	屏蔽	
2	红色	V+
3	黑色	V-
4	白色	CAN_H
5	蓝色	CAN_L

DeviceNet CANopen 板前安装，可定位		
3 4 5 1 2		
技术参数		
M12圆形连接器，符合： 污染等级 防护等级 电气参数 额定电压 额定电流 接触电阻 绝缘电阻 材料数据 插针/插针表面材料 插芯材料 阻燃等级，符合UL94 温度参数 针式 / 孔式	M16紧固螺纹 IEC 61076-2-101 3 IP67 60V 4A ≤ 3 mΩ ≥100 MΩ CuZn/Ni/Au PA 66 V0 -25 ... 85	
订货数据		
穿板式插拔连接器，A型编码，带总线系统电缆，4线制，屏蔽，无卤素PUR，紫色外部护套，2×0.34mm²； 2×0.25mm²	型号	订货号
孔式 针式 孔式 针式 孔式 针式 孔式 针式	0.5m 0.5m 1m 1m 2m 2m 5m 5m	SA508-0.5M SA5M8-0.5M SA508-1.0M SA5M8-1.0M SA508-2.0M SA5M8-2.0M SA508-5.0M SA5M8-5.0M
EMC六角螺母，细齿，用于所有孔式： M16紧固螺纹 PG9紧固螺纹		2322152348 2322151348 2322152448 2322151448 2322152548 2322151548 2322152648 2322151648
信号指示、线路分配		
M12	线芯颜色	信号
1	屏蔽	
2	红色	V+
3	黑色	V-
4	白色	CAN_H
5	蓝色	CAN_L

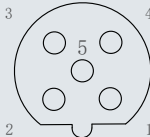
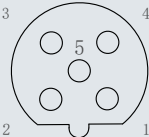
Through-plate Connector, With Prefabricated Cable, 8bp Type



Installation Behind The Board



Installation Behind The Board



Technical Parameters

M12 Circular Connector, Conforming To:	M16 Fastening Thread	PG9 Fastening Thread
Pollution Level	IEC 61076-2-101	IEC 61076-2-101
Protection Grade	3	3
Electrical Parameters	IP67	IP67
Rated Voltage	60 V DC	60V
Rated Current	4A	4A
Contact Resistance	≤ 3 mΩ	≤ 3 mΩ
Insulation Resistance	≥100 mΩ	≥100 mΩ
Material Data		
Pin Surface Material	CuZn/Ni/Au	CuZn/Ni/Au
Core Material	PA 66 GF	PA 66
Flame Retardant Grade, In Compliance With UI94	V0	V0
Temperature Parameter		
Needle Type/hole Type	[°c]	[°c]
	-25 ... 85	-25 ... 85

Order Data

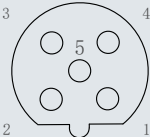
Through-plate plug-in connector, Type B code, with bus system cable, 2-wire system Shielding, halogen-free PUR, purple external sheath, 1×2×0.25mm ²		Model	Order Number	Model	Order Number
Hole Type	0.5m	SB207-0.5M	232222340	SB209-0.5M	232222349
Needle Type	0.5m	SB2M7-0.5M	2322221340	SB2M9-0.5M	2322221349
Hole Type	1m	SB207-1.0M	232222440	SB209-1.0M	232222449
Needle Type	1m	SB2M7-1.0M	2322221440	SB2M9-1.0M	2322221449
Hole Type	2m	SB207-2.0M	232222540	SB209-2.0M	232222549
Needle Type	2m	SB2M7-2.0M	2322221540	SB2M9-2.0M	2322221549
Hole Type	5m	SB207-5.0M	232222640	SB209-5.0M	232222649
Needle Type	5m	SB2M7-5.0M	2322221640	SB2M9-5.0M	2322221649
EMC Hexagonal Nuts, Fine-toothed, For All Hole Types:		SB207-M16	232222140	SB209-PG9	232222149
M16 Fastening Thread					
PG9 Fastening Thread					

Signal indication and line distribution

M12	Core color of The wire	Signal	M12	Core color of The wire	Signal
1	orange	DATA+	1	orange	DATA+
3	blue	DATA-	3	blue	DATA-



It Is Installed In Front Of The Board And Can Be Positioned



Technical Parameters

M12 Circular Connector, Conforming To:	M16 Fastening Thread
Pollution Level	IEC 61076-2-101
Protection Grade	3
Electrical Parameters	IP67
Rated Voltage	60V
Rated Current	4A
Contact Resistance	≤ 3 mΩ
Insulation Resistance	≥100 mΩ
Material Data	
Pin Surface Material	CuZn/Ni/Au
Core Material	PA 66 GF
Flame Retardant Grade, In Compliance With UI94	V0
Temperature Parameter	
Needle Type/hole Type	[°c]
	-25 ... 85

Order Data

Through-plate plug-in connector, Type B code, with bus system cable, 2-wire system Shielding, halogen-free PUR, purple external sheath, 1×2×0.25mm ²		Model	Order Number
Hole Type	0.5m	SB208-0.5M	232222348
Needle Type	0.5m	SB2M8-0.5M	2322221348
Hole Type	1m	SB208-1.0M	232222448
Needle Type	1m	SB2M8-1.0M	2322221448
Hole Type	2m	SB208-2.0M	232222548
Needle Type	2m	SB2M8-2.0M	2322221548
Hole Type	5m	SB208-5.0M	232222648
Needle Type	5m	SB2M8-5.0M	2322221648
EMC Hexagonal Nuts, Fine-toothed, For All Hole Types:			
M16 Fastening Thread			
PG9 Fastening Thread			

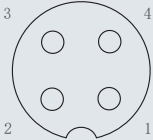
Signal indication and line distribution

M12	Core color of The wire	Signal	M12	Core color of The wire	Signal
1	orange	DATA+	1	orange	DATA+
3	blue	DATA-	3	blue	DATA-

DATA CONNECTORS AND CABLES

Fieldbus Component - M12 Connector

M12 Plug-in Connector, Shielding



Technical Parameters

M12 Circular Connector, Conforming To:	SA403-0.5M
Pollution Level	3
Protection Grade	IP67
Connection Type	Single Line
Electrical Parameters	
Rated Voltage	250V
Rated Current	4A
Contact Resistance	≤ 3 mΩ
Insulation Resistance	≥100 mΩ
Material Data	
Pin Surface Material	CuSn/Ni/Au
Core Material	PA 66 GF
Flame Retardant Grade, In Compliance With UI94	V0
Temperature Parameter	
Needle Type/hole Type	[°c] -25 ... 85

Order Data

		Model	Order Number
Equipment Connector			
Hole Type	A-Standard	SA403-0.5M	2322142143
Hole Type	A-Standard	SA4M3-0.5M	2322141143

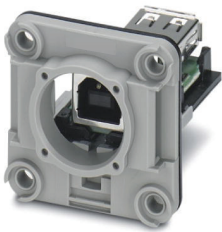
DATA CONNECTORS AND CABLES

USB Connector

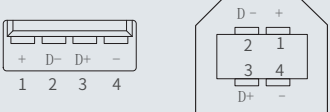
Through-plate Type

Memory Stick

Protective Cover



Install the frame and USB plug via the IP67 panel
The seat can achieve through-plate connection. It has IP67 protection
The grade USB memory stick ensures operation in harsh industrial conditions
The stability of wireless data transmission in the environment.



Technical Parameters

Electrical Parameters	PB-04-BUA-FS/IP67
Rated Voltage	30
Transmission Rate	-
Material Parameters	
Shell Material	PC
Flame Retardant Grade, In Compliance With UI94	V0
Mechanical Parameters	
Core Number	4
Enclosure Protection Grade	IP67
Number Of Insertions/removals	-
Temperature Parameter	
Ambient Temperature (Operating)	[°c] -15 ... 65

Order Data

		Model	Order Number
Type 6, panel installation frame with USB adapter module:			
Slot V6 with USB-B		PB-V06-UBB/UBAB	4367010000
Slot V6 with USB-A		PB-V06-UBA/UBBB	4367020000
USB socket, 4-core, Hole flat cable terminal strip, pin pitch 2.54			
Hole type, Class A		PB-04-BUA-FS/IP67	4367030000
Hole type, Class B		PB-04-BUB-FS/IP67	4367040000
USB cable, with a USB connector at one end			
Connector type: Type A, Length: 0.3m	0.3m	PB-04-USB-A/L0003	4367050003
Connector type: Type B, Length: 0.3m	0.3m	PB-04-USB-B/L0003	4367060003
Connector type: Type A to Type B, length: 1.8m	1.8m	PB-04-USB-A/B/L0018	4367070018
Freenet panel mounting frame, model 6, suitable for circular mounting holes, with sealing No installation screws			
Military grey RAL 7042		PB-BUA-FS/IP67	4367080000
USB storage, USB 2.0			
IP67		PB-04-MS/IP67	4367090000
Protective cover, for the installation frame of Model 6 panel			
Military grey RAL 7042		PB-08-FS	4367100000