

Distribution box series



Distribution box series

1. Distribution box series

BOX01-BOX23



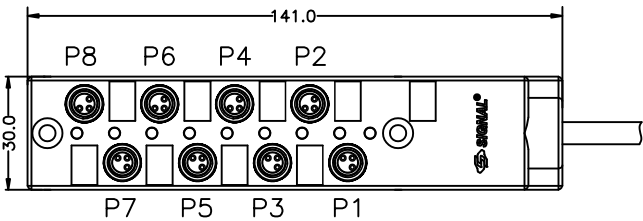
Distribution box series

M8 8-way distribution box with cable

Product figure



Scale diagram

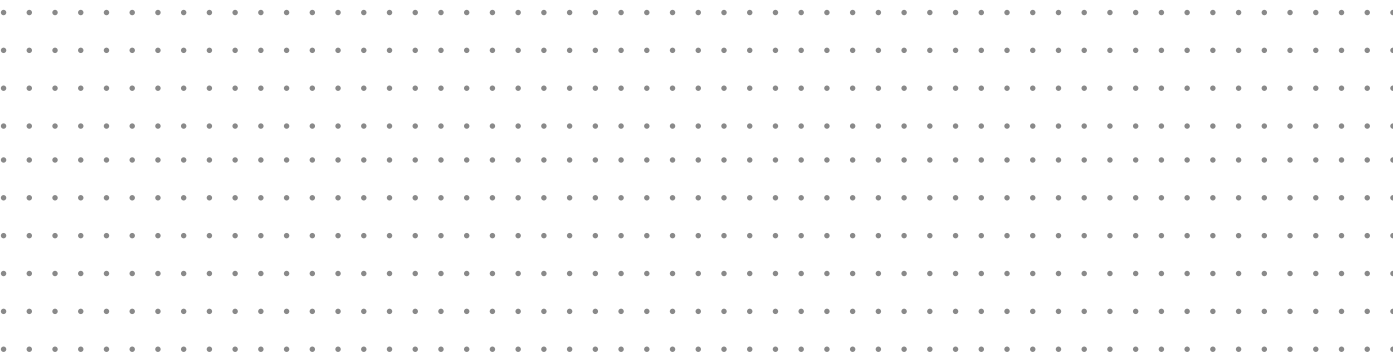


Order Data/订货信息

Order No/订货号	P/N/料号
920103-06-002	—

Specifications/技术参数

Number of contacts/芯数	3
Connector locking system/锁定系统	M8*1.0
Operating temperature/工作温度	-25°C ~ +80°C
Mechanical operation/插拔次数	> 100 mating cycles
Rated voltage/额定电压	60V
Rated current (40°C)/额定电流	4A
Protection degree/防护等级	IP67
Contact resistance/接触电阻	≤10mΩ
Insulation resistance/绝缘电阻	≥100MΩ
Pin contact/插针材料	CuZn
Socket contact/插孔材料	CuSn
Contact plating/针孔镀层材料	Au



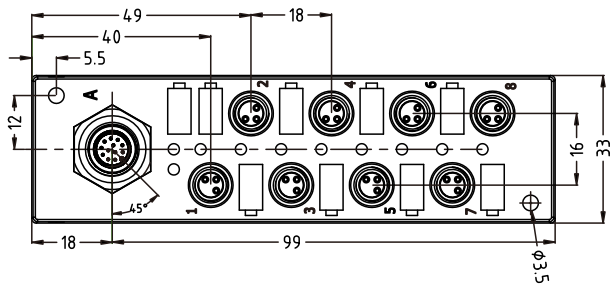
Distribution box series

M8 8-way distribution box

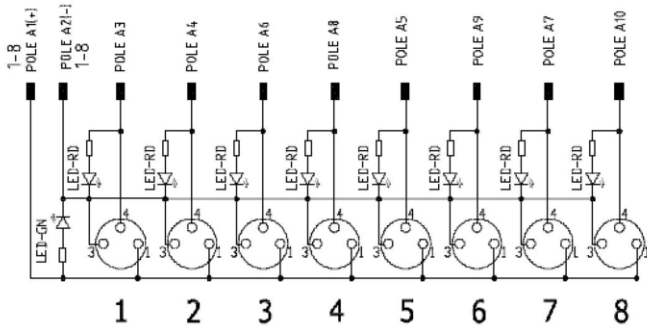
Product figure



Scale diagram



Connection Diagram



Order Data/订货信息

Order No/订货号	P/N/料号
920103-08-002	

Specifications/技术参数

Number of contacts/芯数	3
Connector locking system/锁定系统	M8*1.0
Operating temperature/工作温度	-25℃~+85℃
Mechanical operation/插拔次数	> 100 mating cycles
Rated voltage/额定电压	60V
Rated current (40℃)/额定电流	4A
Protection degree/防护等级	IP67
Contact resistance/接触电阻	≤10mΩ
Insulation resistance/绝缘电阻	≥100MΩ
Pin contact/插针材料	CuZn
Socket contact/插孔材料	CuSn
Contact plating/针孔镀层材料	Au

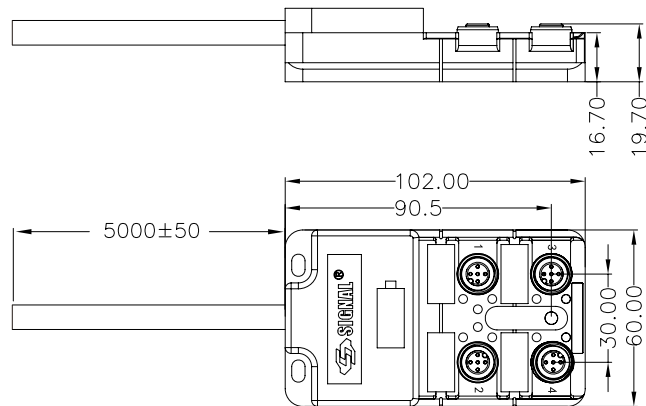
Distribution box series

M12 4-way distribution box with cable

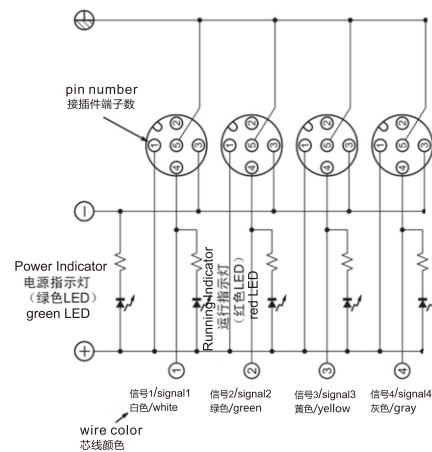
Product figure



Scale diagram



Connection Diagram



Order Data/订货信息

Order No/订货号	Cable length / 线材长度
920105-04-612	5M

Specifications/技术参数

Number of contacts/芯数	5
Connector locking system/锁定系统	M12*1.0
Operating temperature/工作温度	-25°C ~ +80°C
Mechanical operation/插拔次数	> 100 mating cycles
Rated voltage/额定电压	60V
Rated current (40°C)/额定电流	4A
Protection degree/防护等级	IP67
Contact resistance/接触电阻	≤10mΩ
Insulation resistance/绝缘电阻	≥100MΩ
Pin contact/插针材料	CuZn
Socket contact/插孔材料	CuSn
Contact plating/针孔镀层材料	Au

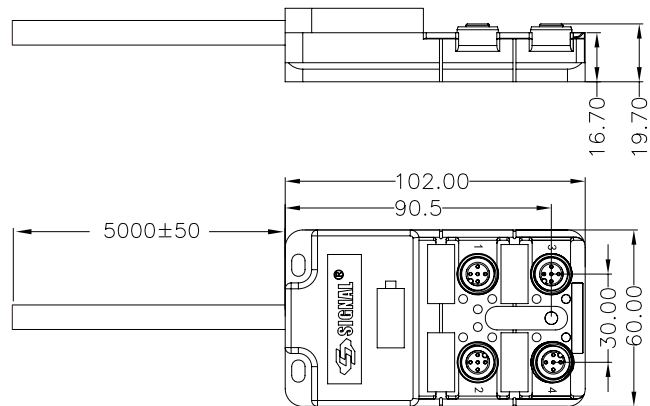
Distribution box series

M12 4-way distribution box with cable

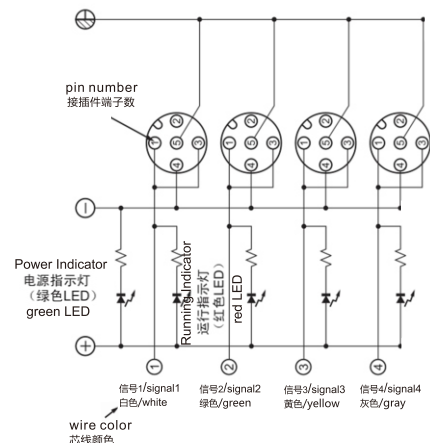
Product figure



Scale diagram



Connection Diagram



Order Data/订货信息

Order No/订货号	Cable length / 线材长度
920105-04-622	5M

Specifications/技术参数

Number of contacts/芯数	5
Connector locking system/锁定系统	M12*1.0
Operating temperature/工作温度	-25°C ~ +80°C
Mechanical operation/插拔次数	> 100 mating cycles
Rated voltage/额定电压	60V
Rated current (40°C)/额定电流	4A
Protection degree/防护等级	IP67
Contact resistance/接触电阻	≤10mΩ
Insulation resistance/绝缘电阻	≥100MΩ
Pin contact/插针材料	CuZn
Socket contact/插孔材料	CuSn
Contact plating/针孔镀层材料	Au

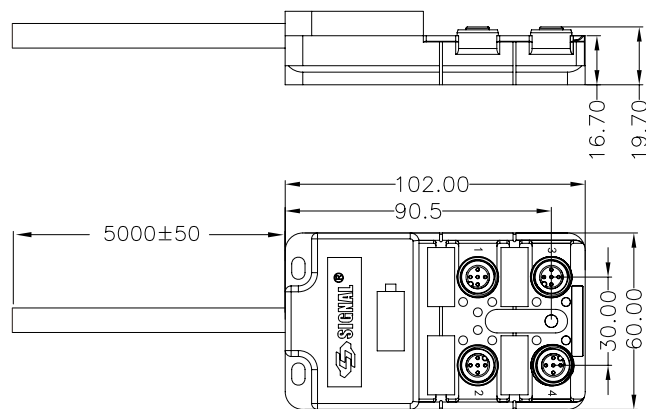
Distribution box series

M12 4-way distribution box with cable

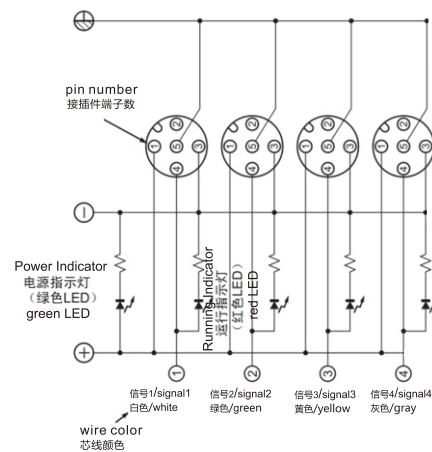
Product figure



Scale diagram



Connection Diagram



Order Data/订货信息

Order No/订货号	Cable length / 线材长度
920105-04-632	5M

Specifications/技术参数

Number of contacts/芯数	5
Connector locking system/锁定系统	M12*1.0
Operating temperature/工作温度	-25°C ~ +80°C
Mechanical operation/插拔次数	> 100 mating cycles
Rated voltage/额定电压	60V
Rated current (40°C)/额定电流	4A
Protection degree/防护等级	IP67
Contact resistance/接触电阻	≤10mΩ
Insulation resistance/绝缘电阻	≥100MΩ
Pin contact/插针材料	CuZn
Socket contact/插孔材料	CuSn
Contact plating/针孔镀层材料	Au

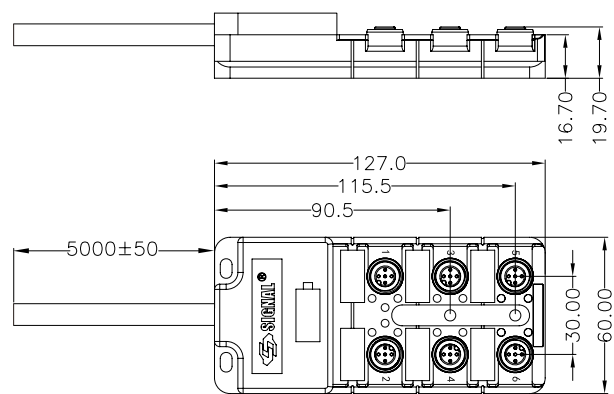
Distribution box series

M12 6-way distribution box with cable

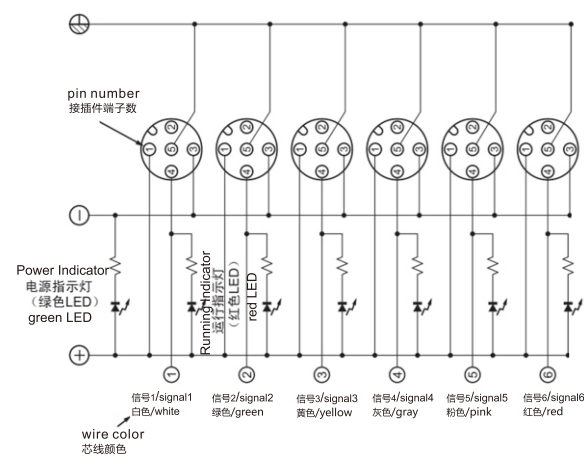
Product figure



Scale diagram



Connection Diagram



Order Data/订货信息

Order No/订货号	Cable length / 线材长度
920105-06-612	5M

Specifications/技术参数

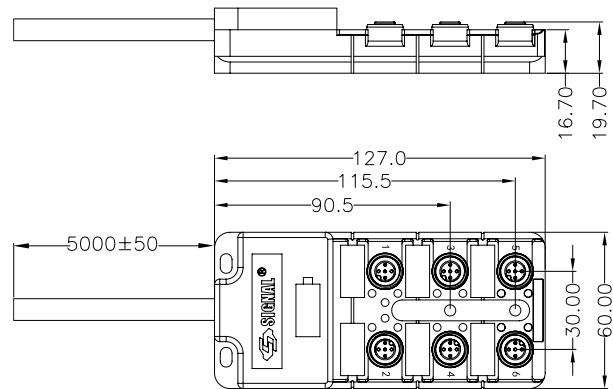
Number of contacts/芯数	5
Connector locking system/锁定系统	M12*1.0
Operating temperature/工作温度	-25°C ~ +80°C
Mechanical operation/插拔次数	> 100 mating cycles
Rated voltage/额定电压	60V
Rated current (40°C)/额定电流	4A
Protection degree/防护等级	IP67
Contact resistance/接触电阻	≤10mΩ
Insulation resistance/绝缘电阻	≥100MΩ
Pin contact/插针材料	CuZn
Socket contact/插孔材料	CuSn
Contact plating/针孔镀层材料	Au

M12 6-way distribution box with cable

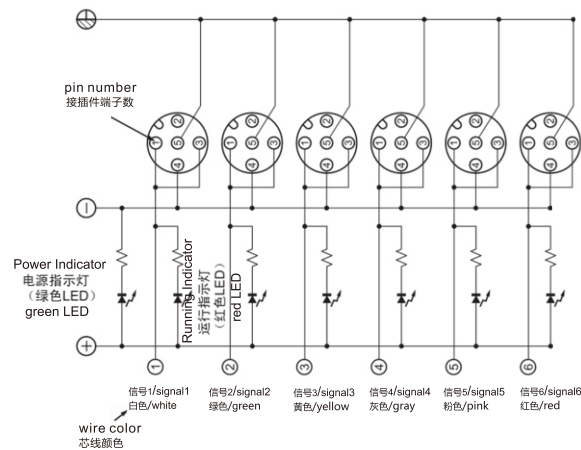
Product figure



Scale diagram



Connection Diagram



Order Data/订货信息

Order No/订货号	Cable length / 线材长度
920105-06-622	5M

Specifications/技术参数

Number of contacts/芯数	5
Connector locking system/锁定系统	M12*1.0
Operating temperature/工作温度	-25°C ~ +80°C
Mechanical operation/插拔次数	> 100 mating cycles
Rated voltage/额定电压	60V
Rated current (40°C)/额定电流	4A
Protection degree/防护等级	IP67
Contact resistance/接触电阻	≤10mΩ
Insulation resistance/绝缘电阻	≥100MΩ
Pin contact/插针材料	CuZn
Socket contact/插孔材料	CuSn
Contact plating/针孔镀层材料	Au

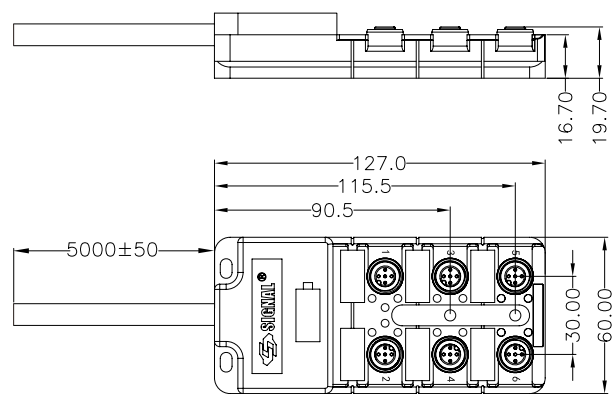
Distribution box series

M12 6-way distribution box with cable

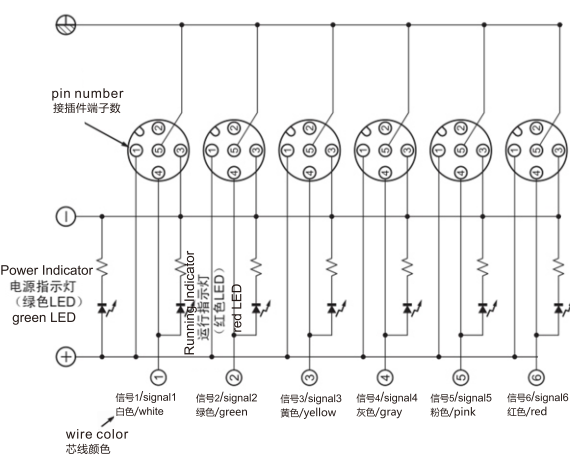
Product figure



Scale diagram



Connection Diagram



Order Data/订货信息

Order No/订货号	Cable length / 线材长度
920105-06-632	5M

Specifications/技术参数

Number of contacts/芯数	5
Connector locking system/锁定系统	M12*1.0
Operating temperature/工作温度	-25°C ~ +80°C
Mechanical operation/插拔次数	> 100 mating cycles
Rated voltage/额定电压	60V
Rated current (40°C)/额定电流	4A
Protection degree/防护等级	IP67
Contact resistance/接触电阻	≤10mΩ
Insulation resistance/绝缘电阻	≥100MΩ
Pin contact/插针材料	CuZn
Socket contact/插孔材料	CuSn
Contact plating/针孔镀层材料	Au

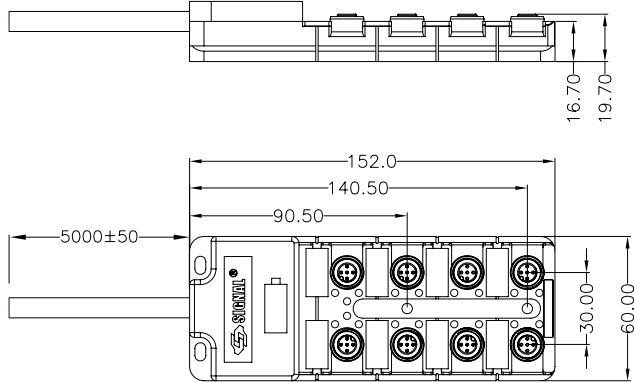
Distribution box series

M12 8-way distribution box with cable

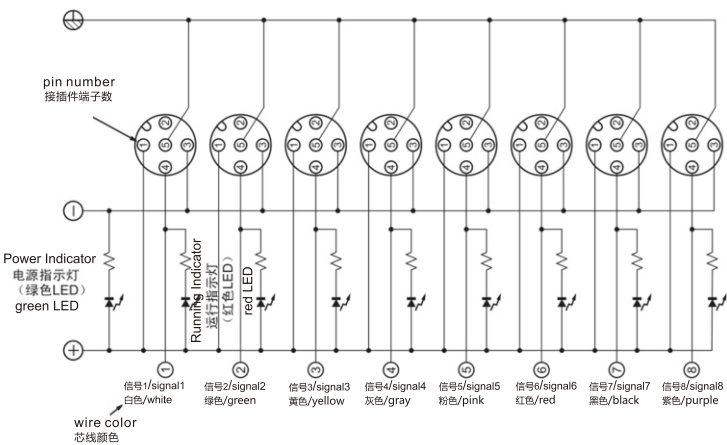
Product figure



Scale diagram



Connection Diagram



Order Data/订货信息

Order No/订货号	Cable length / 线材长度
920105-08-612	5M

Specifications/技术参数

Number of contacts/芯数	5
Connector locking system/锁定系统	M12*1.0
Operating temperature/工作温度	-25°C ~ +80°C
Mechanical operation/插拔次数	> 100 mating cycles
Rated voltage/额定电压	60V
Rated current (40°C)/额定电流	4A
Protection degree/防护等级	IP67
Contact resistance/接触电阻	≤10mΩ
Insulation resistance/绝缘电阻	≥100MΩ
Pin contact/插针材料	CuZn
Socket contact/插孔材料	CuSn
Contact plating/针孔镀层材料	Au

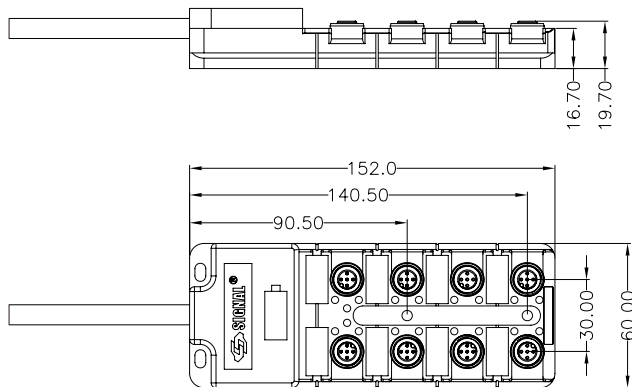
Distribution box series

M12 8-way distribution box with cable

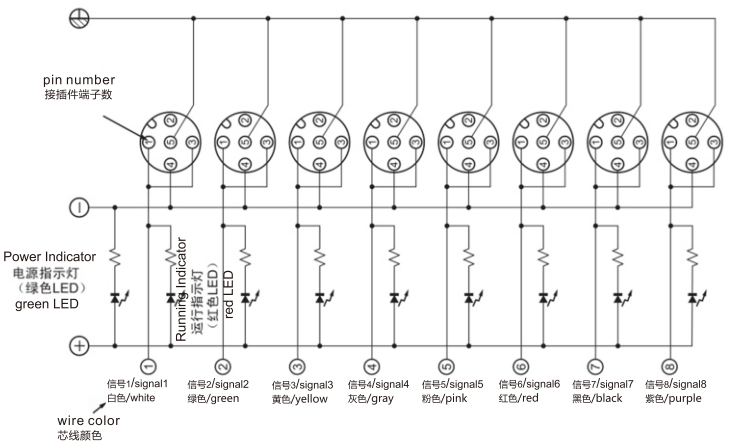
Product figure



Scale diagram



Connection Diagram



Order Data/订货信息

Order No/订货号	Cable length / 线材长度
920105-08-622	5M

Specifications/技术参数

Number of contacts/芯数	5
Connector locking system/锁定系统	M12*1.0
Operating temperature/工作温度	-25°C ~ +80°C
Mechanical operation/插拔次数	> 100 mating cycles
Rated voltage/额定电压	60V
Rated current (40°C)/额定电流	4A
Protection degree/防护等级	IP67
Contact resistance/接触电阻	≤10mΩ
Insulation resistance/绝缘电阻	≥100MΩ
Pin contact/插针材料	CuZn
Socket contact/插孔材料	CuSn
Contact plating/针孔镀层材料	Au

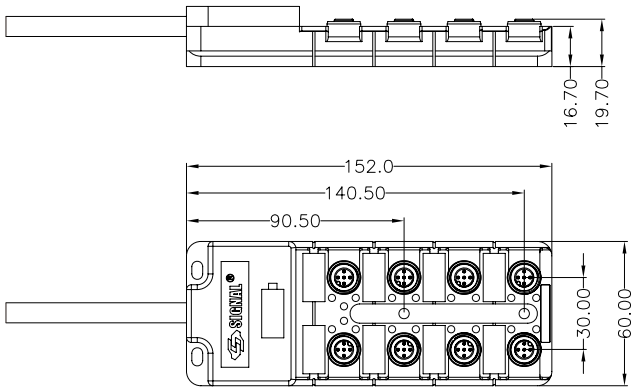
Distribution box series

M12 8-way distribution box with cable

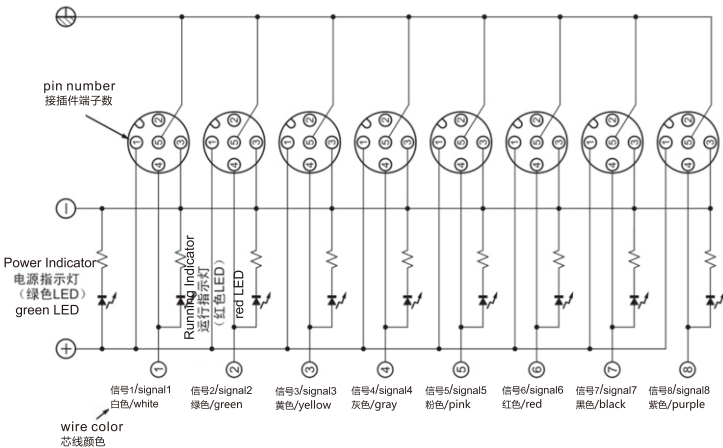
Product figure



Scale diagram



Connection Diagram



Order Data/订货信息

Order No/订货号	Cable length / 线材长度
920105-08-632	5M

Specifications/技术参数

Number of contacts/芯数	5
Connector locking system/锁定系统	M12*1.0
Operating temperature/工作温度	-25°C ~ +80°C
Mechanical operation/插拔次数	> 100 mating cycles
Rated voltage/额定电压	60V
Rated current (40°C)/额定电流	4A
Protection degree/防护等级	IP67
Contact resistance/接触电阻	≤10mΩ
Insulation resistance/绝缘电阻	≥100MΩ
Pin contact/插针材料	CuZn
Socket contact/插孔材料	CuSn
Contact plating/针孔镀层材料	Au

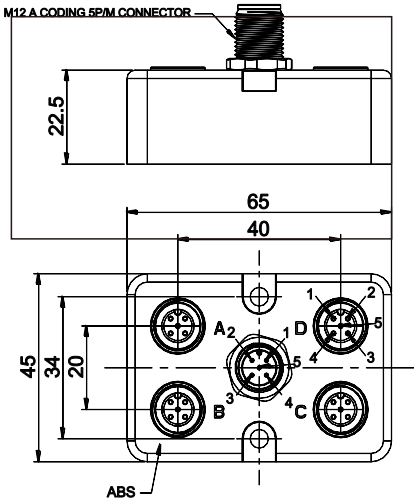
Distribution box series

M12 4-way distribution box

Product figure



Scale diagram

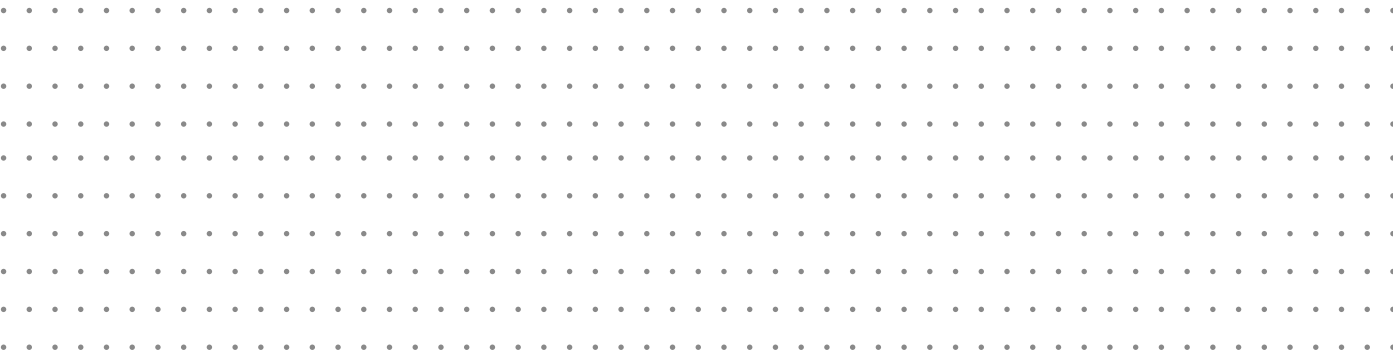


Order Data/订货信息

Order No/订货号	P/N/料号
920105-04-001	—

Specifications/技术参数

Number of contacts/芯数	5
Connector locking system/锁定系统	M12*1.0
Operating temperature/工作温度	-25°C ~ +85°C
Mechanical operation/插拔次数	> 100 mating cycles
Rated voltage/额定电压	60V
Rated current (40°C)/额定电流	4A
Protection degree/防护等级	IP67
Contact resistance/接触电阻	≤10mΩ
Insulation resistance/绝缘电阻	≥100MΩ
Pin contact/插针材料	CuZn
Socket contact/插孔材料	CuSn
Contact plating/针孔镀层材料	Au



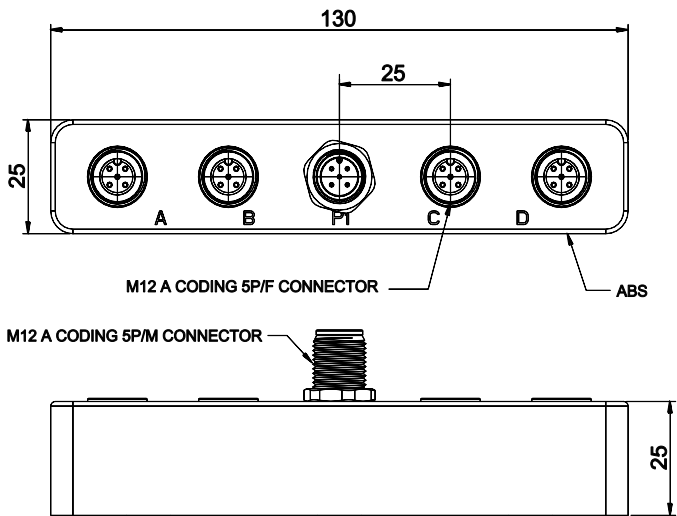
Distribution box series

M12 4-way distribution box

Product figure



Scale diagram



Order Data/订货信息

Order No/订货号	P/N/料号
920105-04-002	—

Specifications/技术参数

Number of contacts/芯数	5
Connector locking system/锁定系统	M12*1.0
Operating temperature/工作温度	-25°C ~ +85°C
Mechanical operation/插拔次数	> 100 mating cycles
Rated voltage/额定电压	60V
Rated current (40°C)/额定电流	4A
Protection degree/防护等级	IP67
Contact resistance/接触电阻	≤10mΩ
Insulation resistance/绝缘电阻	≥100MΩ
Pin contact/插针材料	CuZn
Socket contact/插孔材料	CuSn
Contact plating/针孔镀层材料	Au

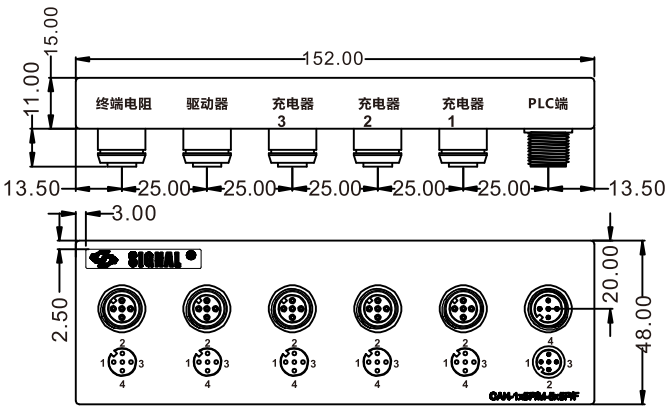
Distribution box series

M12 5-way distribution box

Product figure



Scale diagram



Order Data/订货信息

Order No/订货号	P/N/料号
920105-05-001	—

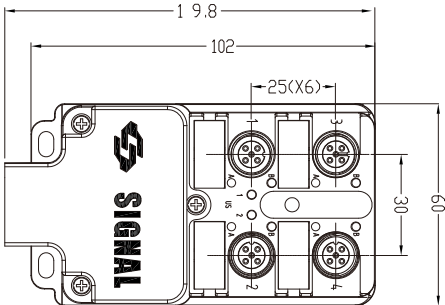
Specifications/技术参数

Number of contacts/芯数	5
Connector locking system/锁定系统	M12*1.0
Operating temperature/工作温度	-25℃~+85℃
Mechanical operation/插拔次数	> 100 mating cycles
Rated voltage/额定电压	60V
Rated current (40℃)/额定电流	4A
Protection degree/防护等级	IP67
Contact resistance/接触电阻	≤10mΩ
Insulation resistance/绝缘电阻	≥100MΩ
Pin content/插针材料	CuZn
Socket contact/插孔材料	CuSn
Contact plating/针孔镀层材料	Au

M12 4-way distribution box

Product figure

Scale diagram



Order Data/订货信息

Order No/订货号	P/N/料号
920105-04-010	—

Specifications/技术参数

Number of contacts/芯数	5
Connector locking system/锁定系统	M12*1.0
Operating temperature/工作温度	-25°C ~ +85°C
Mechanical operation/插拔次数	> 100 mating cycles
Rated voltage/额定电压	60V
Rated current (40°C)/额定电流	4A
Protection degree/防护等级	IP67
Contact resistance/接触电阻	≤10mΩ
Insulation resistance/绝缘电阻	≥100MΩ
Pin contact/插针材料	CuZn
Socket contact/插孔材料	CuSn
Contact plating/针孔镀层材料	Au

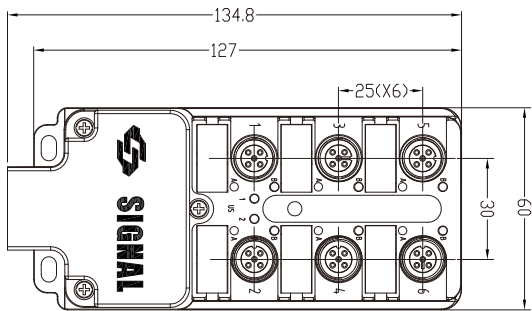
Distribution box series

M12 6-way distribution box

Product figure



Scale diagram

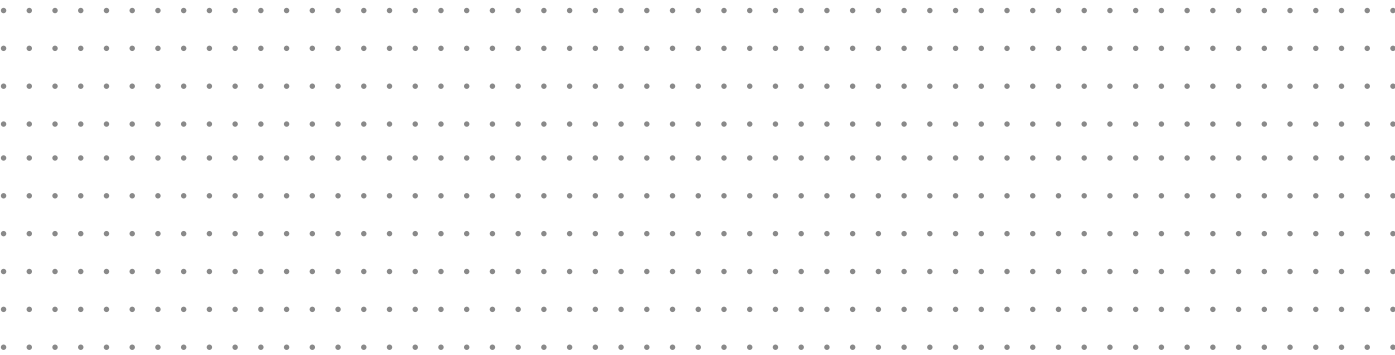


Order Data/订货信息

Order No/订货号	P/N/料号
920105-06-001	—

Specifications/技术参数

Number of contacts/芯数	5
Connector locking system/锁定系统	M12*1.0
Operating temperature/工作温度	-25°C ~ +85°C
Mechanical operation/插拔次数	> 100 mating cycles
Rated voltage/额定电压	60V
Rated current (40°C)/额定电流	4A
Protection degree/防护等级	IP67
Contact resistance/接触电阻	≤10mΩ
Insulation resistance/绝缘电阻	≥100MΩ
Pin contant/插针材料	CuZn
Socket contact/插孔材料	CuSn
Contact plating/针孔镀层材料	Au



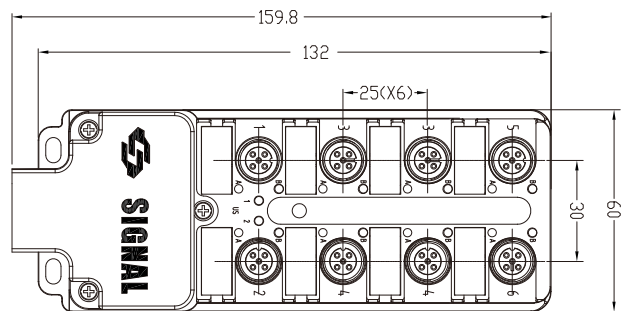
Distribution box series

M12 8-way distribution box

Product figure



Scale diagram



Order Data/订货信息

Order No/订货号	P/N/料号
920105-08-018	—

Specifications/技术参数

Number of contacts/芯数	5
Connector locking system/锁定系统	M12*1.0
Operating temperature/工作温度	-25°C ~ +85°C
Mechanical operation/插拔次数	> 100 mating cycles
Rated voltage/额定电压	60V
Rated current (40°C)/额定电流	4A
Protection degree/防护等级	IP67
Contact resistance/接触电阻	≤10mΩ
Insulation resistance/绝缘电阻	≥100MΩ
Pin contact/插针材料	CuZn
Socket contact/插孔材料	CuSn
Contact plating/针孔镀层材料	Au

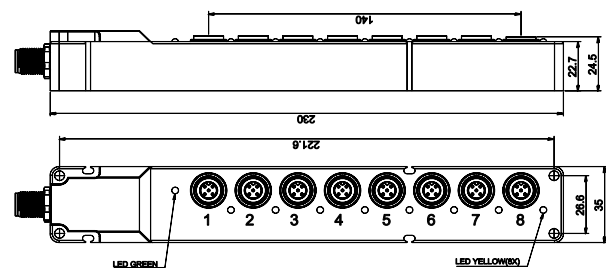
Distribution box series

M12 8-way distribution box

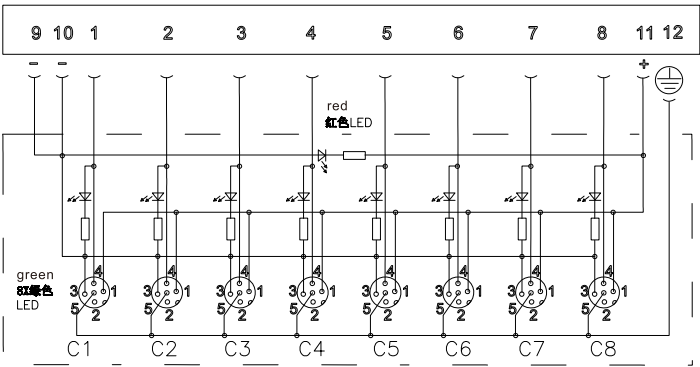
Product figure



Scale diagram



Connection Diagram



Order Data/订货信息

Order No/订货号	P/N/料号
920105-08-001	

Specifications/技术参数

Number of contacts/芯数	5
Connector locking system/锁定系统	M12*1.0
Operating temperature/工作温度	-25°C ~ +85°C
Mechanical operation/插拔次数	> 100 mating cycles
Rated voltage/额定电压	60V
Rated current (40°C)/额定电流	4A
Protection degree/防护等级	IP67
Contact resistance/接触电阻	≤10mΩ
Insulation resistance/绝缘电阻	≥100MΩ
Pin contact/插针材料	CuZn
Socket contact/插孔材料	CuSn
Contact plating/针孔镀层材料	Au

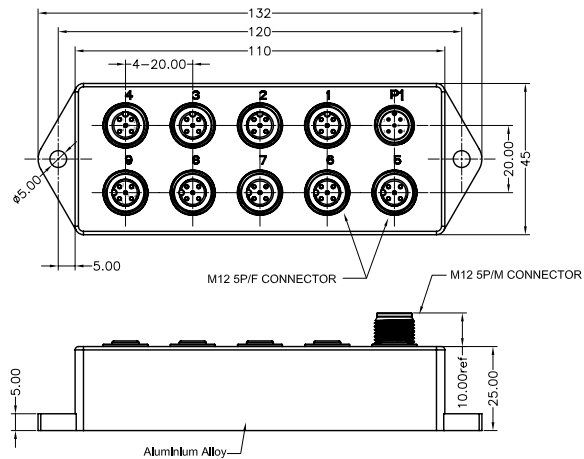
Distribution box series

M12 9-way distribution box

Product figure



Scale diagram



Order Data/订货信息

Order No/订货号	P/N/料号
920105-09-001	

Specifications/技术参数

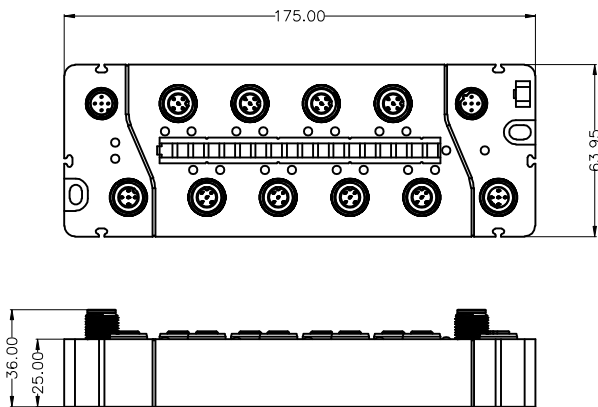
Number of contacts/芯数	5
Connector locking system/锁定系统	M12*1.0
Operating temperature/工作温度	-25℃~+85℃
Mechanical operation/插拔次数	> 100 mating cycles
Rated voltage/额定电压	60V
Rated current (40℃)/额定电流	4A
Protection degree/防护等级	IP67
Contact resistance/接触电阻	≤10mΩ
Insulation resistance/绝缘电阻	≥100MΩ
Pin contact/插针材料	CuZn
Socket contact/插孔材料	CuSn
Contact plating/针孔镀层材料	Au

M12 10-way distribution box

Product figure



Scale diagram

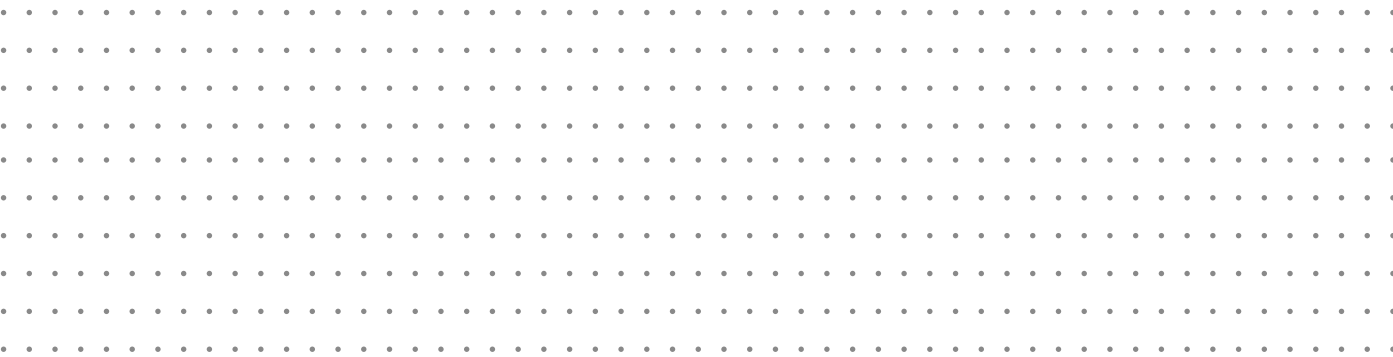


Order Data/订货信息

Order No/订货号	P/N/料号
920105-08-019	—

Specifications/技术参数

Number of contacts/芯数	5
Connector locking system/锁定系统	M12*1.0
Operating temperature/工作温度	-25°C ~ +85°C
Mechanical operation/插拔次数	> 100 mating cycles
Rated voltage/额定电压	60V
Rated current (40°C)/额定电流	4A
Protection degree/防护等级	IP67
Contact resistance/接触电阻	≤10mΩ
Insulation resistance/绝缘电阻	≥100MΩ
Pin contant/插针材料	CuZn
Socket contact/插孔材料	CuSn
Contact plating/针孔镀层材料	Au



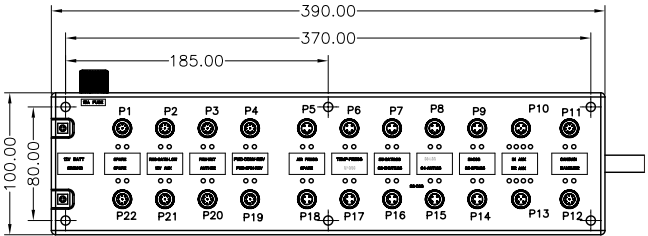
Distribution box series

M12 22-way distribution box

Product figure



Scale diagram



Order Data/订货信息

Order No/订货号	P/N/料号
920100-22-001	—

Specifications/技术参数

Number of contacts/芯数	4/5/8
Connector locking system/锁定系统	M12*1.0
Operating temperature/工作温度	-25°C ~ +85°C
Mechanical operation/插拔次数	> 100 mating cycles
Rated voltage/额定电压	60V
Rated current (40°C)/额定电流	4A
Protection degree/防护等级	IP67
Contact resistance/接触电阻	≤10mΩ
Insulation resistance/绝缘电阻	≥100MΩ
Pin contact/插针材料	CuZn
Socket contact/插孔材料	CuSn
Contact plating/针孔镀层材料	Au

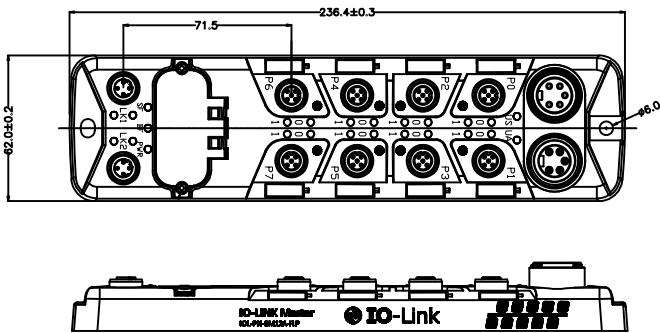
Distribution box series

Mater station module

Product figure



Scale diagram

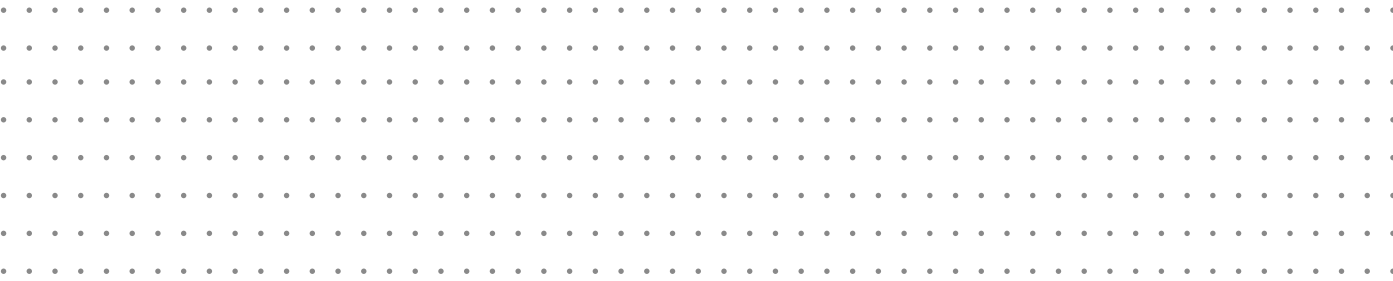


Order Data/订货信息

Order No/订货号	P/N/料号
920105-08-034-1	—

Specifications/技术参数

Rated voltage/额定电压	18...30V DC
System indicator light/系统指示灯	SF/BF
Network indicator light/网络指示灯	LK/100
Power indicator light/电源指示灯	US/UA
Port status indicator/端口状态指示灯	红色、绿色
Network interface/网络接口	M12, D-Coded,母头
Power interface/电源接口	7/8,connector
Connect to port I/O 连接I/O端口	M12, A编码, 母头
I/O Number of ports I/O端口数目	8
8x10-Link Number of primary ports/8x10-Link主端口数目	8xmaster
Working mode (3 lines)/工作模式(3线)	SIO、COM1、COM2、COM3
Indicator light - Communication/指示灯-通信	绿色LED指示灯
Indicator light - error/指示灯-错误	红色LED指示灯
Maximum load current/最大负载电流	2A



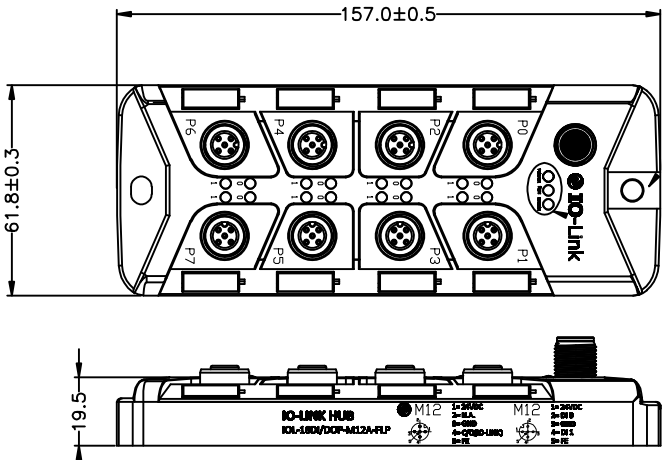
Distribution box series

Slave module

Product figure



Scale diagram



Order Data/订货信息

Order No/订货号	P/N/料号
920105-08-031-3	—

Specifications/技术参数

Rated voltage/额定电压	18..30V DC	
Connect I/O Link 连接 I/O Link	M12, A编码, 公头	
Connect port I/O 连接I/O 端口	M12, A编码, 母头	
Input/output 输入/输出	16DI	16DI/DO可配置
IO-LinkRUN function indicator/IO-LinkRUN功能指示灯	绿色LED指示灯	
Rated current (40°C)/电源启动指示灯	绿色LED指示灯	
Connect Us/连接 Us	通过IO-Link 接口	
Connected UA/连接 UA	/	
I/O Number of ports I/O 端口数目	8	
Maximum load current sensor/channel/最大负载电流传感器/通道	500mA	
Maximum load current actuator/channel/最大负载电流执行器/通道	/	
Port status indicator/端口状态指示灯	绿色/红色LED	
Total current UT/总电流UT	2A	
Protection level in accordance with IEC 60529/防护等级符合IEC 60529	IP67(正确连接时)	
Operating temperature Ta/工作温度Ta	-5°C ~ +70°C	
Storage temperature/存储温度	-25°C ~ +70°C	
Fastener/紧固件	2个安装孔	
Shell material/外壳材质	PC+ABS	
IO-Link processes data length/IO-Link处理数据长度	2个输入字节	4个输入字节/2个输出字节
Minimum cycle/最小循环周期	3ms	
Indicator light communication/指示灯通信	绿色LED脉冲	
Indicator light error/指示灯错误	红色LED指示灯	

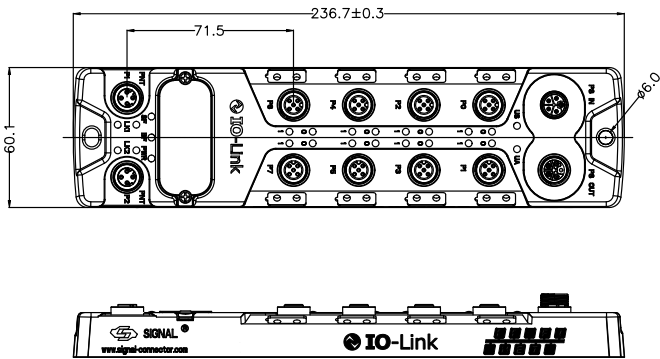
Distribution box series

Mater station module

Product figure



Scale diagram

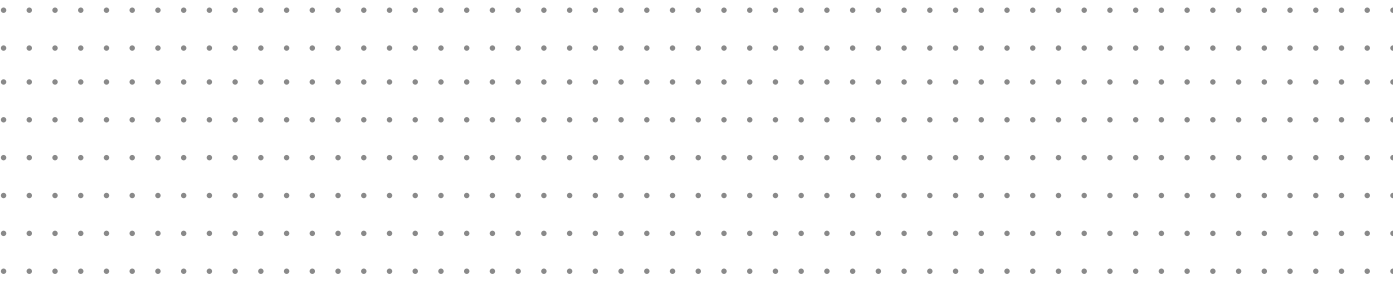


Order Data/订货信息

Order No/订货号	P/N/料号
920105-08-043S	—

Specifications/技术参数

Rated voltage/额定电压	18...30V DC
System indicator light/系统指示灯	SF/BF
Network indicator light/网络指示灯	LK/100
Power indicator light/电源指示灯	US/UA
Port status indicator/端口状态指示灯	红色、绿色
Network interface/网络接口	M12, D-Coded,母头
Power interface/电源接口	M12, L-Coded
Connect to port I/O 连接I/O端口	M12, A编码, 母头
I/O Number of ports I/O端口数目	8
8x10-Link Number of primary ports/8x10-Link主端口数目	8xmaster
Working mode (3 lines)/工作模式(3线)	SIO、COM1、COM2、COM3
Indicator light - Communication/指示灯-通信	绿色LED指示灯
Indicator light - error/指示灯-错误	红色LED指示灯
Maximum load current/最大负载电流	2A



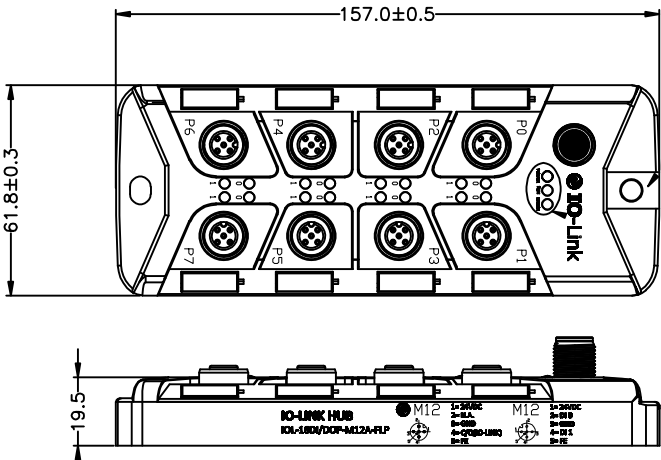
Distribution box series

Slave module

Product figure



Scale diagram



Order Data/订货信息

Order No/订货号	P/N/料号
920105-08-044S	—

Specifications/技术参数

Rated voltage/额定电压		18..30V DC	
Connect I/O Link 连接 I/O Link		M12, A编码, 公头	
Connect port I/O 连接I/O 端口		M12, A编码, 母头	
Input/output 输入/输出	16DI	16DI/DO可配置	
IO-LinkRUN function indicator/IO-LinkRUN功能指示灯		绿色LED指示灯	
Rated current (40℃)/电源启动指示灯		绿色LED指示灯	
Connect Us/连接 Us		通过IO-Link 接口	
Connected UA/连接 UA		/	
I/O Number of ports I/O 端口数目		8	
Maximum load current sensor/channel/最大负载电流传感器/通道		500mA	
Maximum load current actuator/channel/最大负载电流执行器/通道		/	
Port status indicator/端口状态指示灯		绿色/红色LED	
Total current UT/总电流UT		2A	
Protection level in accordance with IEC 60529/防护等级符合IEC 60529		IP67(正确连接时)	
Operating temperature Ta/工作温度Ta		-5℃~+70℃	
Storage temperature/存储温度		-25℃~+70℃	
Fastener/紧固件		2个安装孔	
Shell material/外壳材质		PC+ABS	
IO-Link processes data length/IO-Link处理数据长度		2个输入字节	4个输入字节/2个输出字节
Minimum cycle/最小循环周期		3ms	
Indicator light communication/指示灯通信		绿色LED脉冲	
Indicator light error/指示灯错误		红色LED指示灯	