M8
I/O预铸连接线
插针插孔互转型

I/Oプレキャスト接続ライン

I/O Connection line



X236-03A2



X236-03A6



X236-03A4



X236-04D2

*** 产品图仅供参考，出货详情以图纸为准**

* The product drawing is only for reference, and the shipment details are subject to the drawing



RoHS | IP67 | 寿命长 | 抗干扰

特点 Features

* 损耗小，抗干扰，导电优良；
* 耐磨损，抗拉伸持久耐用；
* 传输稳定使用寿命长。

* 損失が少なく、干渉に強く、導電性に優れている；
* 耐摩耗、耐ストレッチ耐久性；
* 伝送が安定して寿命が長い。

* Low loss, anti-interference, excellent conductivity;
* Wear-resistant, stretch-resistant and durable;
* Stable transmission and long service life.

关于选型 About selection

X236 – 03 A 2 □ – □

⑥ 长度(可定制) Length (customizable)
⑤ 线材 例:空白表示PVC, S表示屏蔽,T表示拖链, ST表示屏蔽拖链 For example, blank space means PVC, S means shield, T means e-chain®, ST means shielded e-chain®
④ 产品类型(*见表一) Product Type (*see Table 1)
③ 连接器类型,例:A表示A型, B表示B型, D表示D型 Connector type, e.g. A for type A , type B for type B,type D for type D
② 芯数, 例:03表示3芯, 04表示4芯, 05表示5芯, 06表示6芯,08表示8芯,10表示10芯 Number of cores, e.g. 03 means 3 cores,04 means 4 cores,05 means 5 cores,06 means 6 cores,08 means 8 cores,10 means 10 cores
① X236系列 X236 series

表一：产品类型 Table 1:Product Type

1	直头针式,直头针式 Straight pin type, straight pin type	7	弯头针式,弯头孔式 Elbow pin, elbow hole
2	直头针式,直头孔式 Straight head needle, straight head hole	8	直头针式,一端出线 Straight pin type, one end leads out
4	直头针式,弯头孔式 Straight needle type, elbow hole type	A	直头孔式,直头孔式 Straight head hole, straight head hole
6	弯头针式,直头孔式 Elbow pin, straight hole	D	直头孔式,一端出线 Straight hole typ, one end leads out

选型举例：X236-03A2 表示 X236系列，芯数为3芯，连接器类型A型，产品类型为直头针式,直头孔式，PVC非屏蔽。
X236-04D1S 表示 X236系列，芯数为4芯，连接器类型D型，产品类型为直头针式,直头针式，PVC屏蔽。

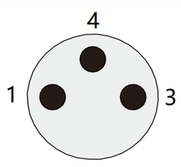
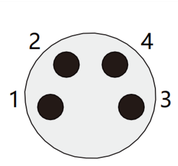
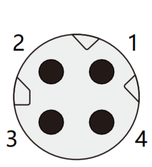
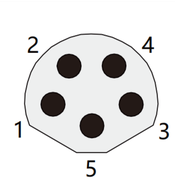
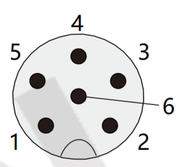
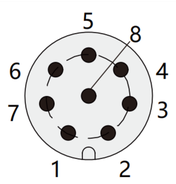
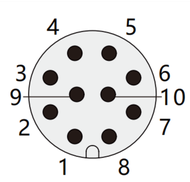
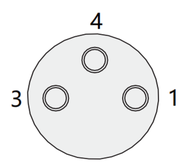
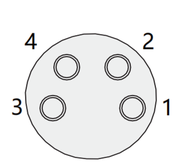
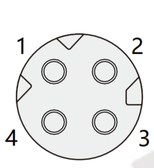
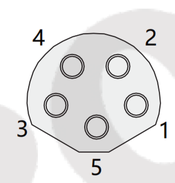
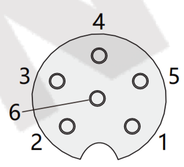
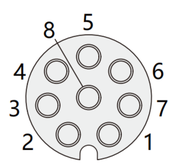
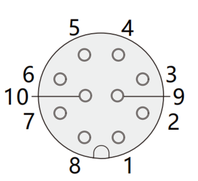
Selection example: X236-03A2 means X236 series, the number of cores is 3, the connector type is type A, the product type is straight pin type, straight head hole type, PVC unshielded.
X236-04D1S stands for X236 series, the number of pins is 4, the connector type is D, the product type is straight pin type, straight pin type, PVC shielded.

注：B型仅5芯可选，拖链线的拖链次数为1000万次。5芯，6芯，8芯，10芯的屏蔽款和屏蔽拖链款请先咨询。
Note: Type B is only available with 5 cores, and the drag chain cable can withstand 10 million drag cycles. For the shielded versions and shielded drag chain versions of 5-core, 6-core, 8-core, and 10-core cables, please inquire first.

规格参数 Specifications

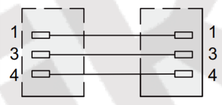
名称 Name	M8 I/O预铸连接线 M8 I/O Connection line							
芯数 Number of cores	3芯	4芯			5芯	6芯	8芯	10芯
类型 Type	A型	A型	D型	D型 (带EtherCAT/ProfiNET协议)	B型	A型	A型	A型
型号 Model	X236-03A2	X236-04A2	X236-04D2	X236-04D2S	X236-05B2	X236-06A2	X236-08A2	X236-10A2
	X236-03A6	X236-04A6	X236-04D4	X236-04D1S	X236-05B6	X236-06A6	X236-08A6	X236-10A6
	X236-03A4	X236-04A4	X236-04D6	X236-04D8S	X236-05B4	X236-06A4	X236-08A4	X236-10A4
	X236-03A7	X236-04A7	X236-04D7	X236-04DAS	X236-05B7	X236-06A7	X236-08A7	X236-10A7
	/	/	/	X236-04DDS	/	/	/	/
线材外径 Wire outer diameter	4.5mm	4.8mm	4.8mm	6.5mm	5.2mm	5.2mm	5.0mm	4.5mm
缆线规格 Cable specifications	3C*24AWG	4C*24AWG	4C*24AWG	4C*22AWG	5C*24AWG	6C*24AWG	8C*26AWG	10C*28AWG
工作电压 Operating Voltage	最大60V					最大30V		
防护等级 Protection level	IP67							
线缆外被 Cable jacket	PVC							

正视图 View from front

类型 Type	A型	A型	D型	B型	A型	A型	A型
芯数 Number of cores	3芯	4芯	4芯	5芯	6芯	8芯	10芯
针型 Needle type							
孔型 Hole pattern							

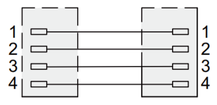
接线图 Wiring diagram

X236-03A2/03A6/03A4/03A7



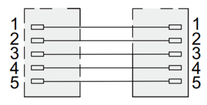
孔位	1	3	4
颜色	棕	蓝	黑

X236-04A2/04A4/04A6/04A7/04D2/04D4/04D6/04D7



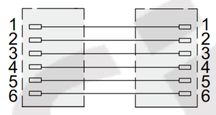
孔位	1	2	3
颜色	棕	白	蓝
孔位	4		
颜色	黑		

X236-05B2/05B6/05B4/05B7



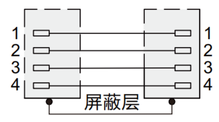
孔位	1	2	3
颜色	棕	白	蓝
孔位	4	5	
颜色	黑	灰	

X236-06A2/06A6/06A4/06A7



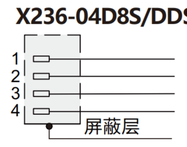
孔位	1	2	3
颜色	棕	白	蓝
孔位	4	5	6
颜色	黑	灰	粉红

X236-04D1S/DAS/D2S

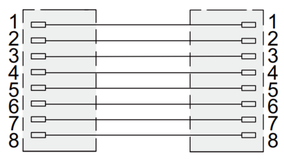


孔位	1	2	3
颜色	黄	白	橙
孔位	4		
颜色	蓝		

X236-04D8S/DDS

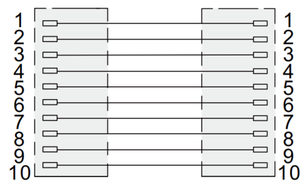


X236-08A2/08A4/08A6/08A7



孔位	1	2	3
颜色	白	棕	绿
孔位	4	5	6
颜色	黄	灰	粉红
孔位	7	8	
颜色	蓝	红	

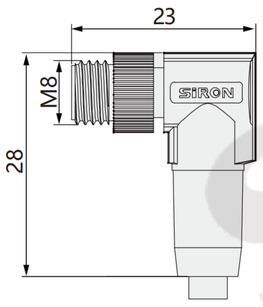
X236-10A2/10A4/10A6/10A7



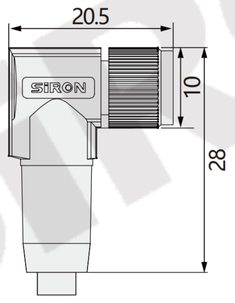
孔位	1	2	3	4	5
颜色	红	黑	棕	橙	绿
孔位	6	7	8	9	10
颜色	黄	蓝	白	灰	紫

接头尺寸 Connector size

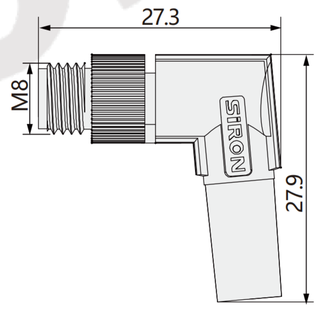
弯头插针(屏蔽)



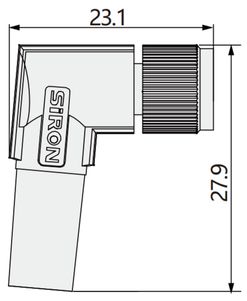
弯头插孔(屏蔽)



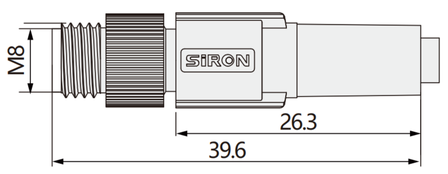
弯头插针(非屏蔽)



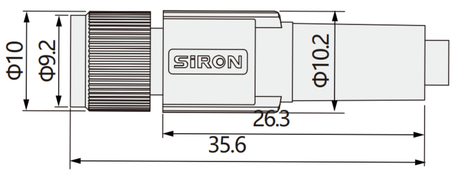
弯头插孔(非屏蔽)



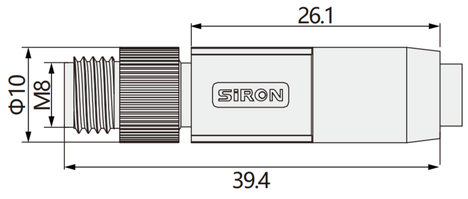
直头插针



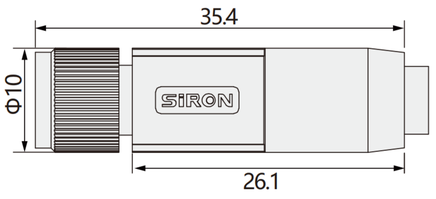
直头插孔(屏蔽和非屏蔽)



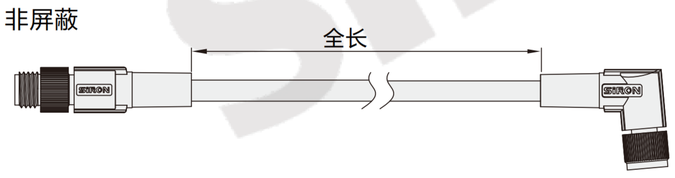
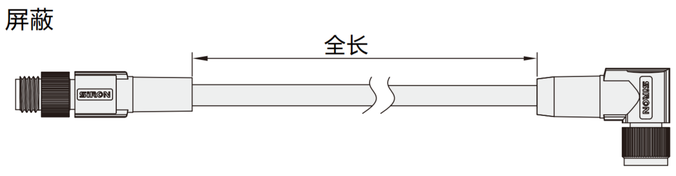
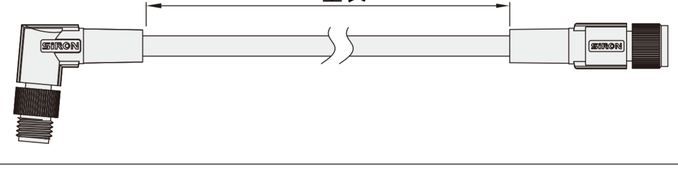
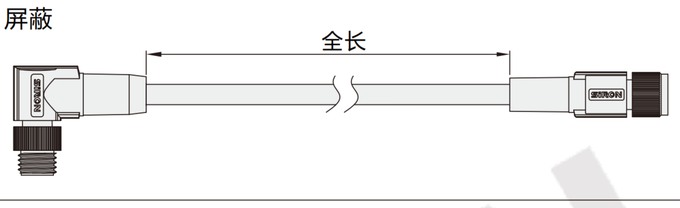
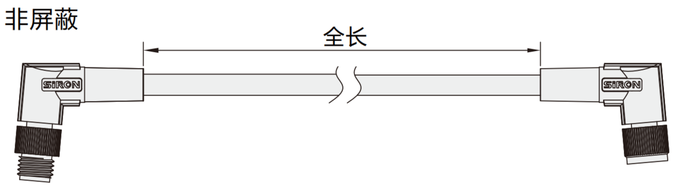
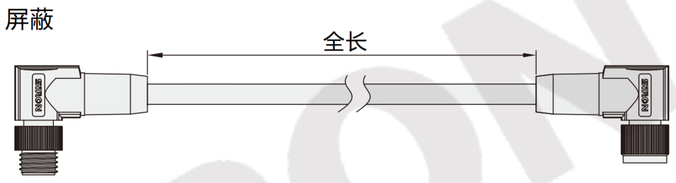
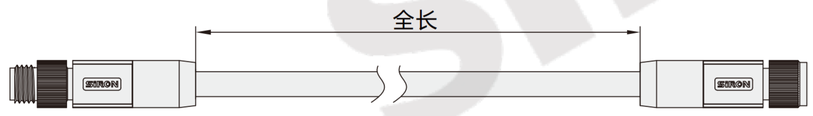
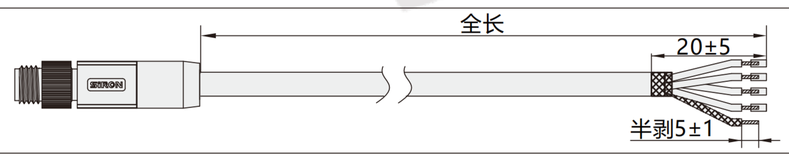
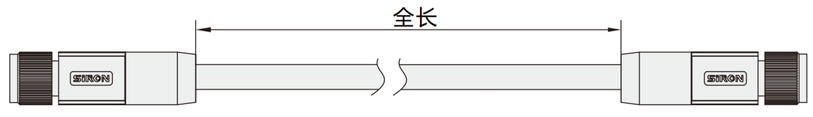
直头插针(屏蔽款)



直头插孔(屏蔽款)



外形图 Outline

型号 Model	说明 instruction	外形图 Dimensions
X236-03A2 X236-04A2 X236-04D2 X236-05B2 X236-06A2 X236-08A2 X236-10A2	直头针端转直头孔端 Straight pin end to straight hole end	
X236-03A4 X236-04A4 X236-04D4 X236-05B4 X236-06A4 X236-08A4 X236-10A4	直头针端转弯头孔端 Straight pin end, turning head hole end	非屏蔽  屏蔽 
X236-03A6 X236-04A6 X236-04D6 X236-05B6 X236-06A6 X236-08A6 X236-10A6	弯头针端转直头孔端 Bend needle end to straight head hole end	非屏蔽  屏蔽 
X236-03A7 X236-04A7 X236-04D7 X236-05B7 X236-06A7 X236-08A7 X236-10A7	弯头针端转弯头孔端 Bend needle end, bend head hole end	非屏蔽  屏蔽 
X236-04D1S	直头针端转直头针端 Straight pin end to straight pin end	
X236-04D2S	直头针端转直头孔端 Straight pin end to straight hole end	
X236-04D8S	直头针端转散线 Direct pin end to loose wire	
X236-04DAS	直头孔端转直头孔端 Straight hole end turn straight hole end	
X236-04DDS	直头孔端转散线 Straight hole end turn loose wire	