

CO LINE

cmatic[®]
PNEUMATIC FITTINGS

多路接头
Multiple Connectors



多路接头包括一个可以连接到气动控制的固定部分和一个可以连接到空气分配系统的活动部分。这使得一束包含不同尺寸和数量的气管（最少8条，最多24条），可以快速安全地进行连接和断开。Cmatic的多路接头具有防止反插得防错设计。



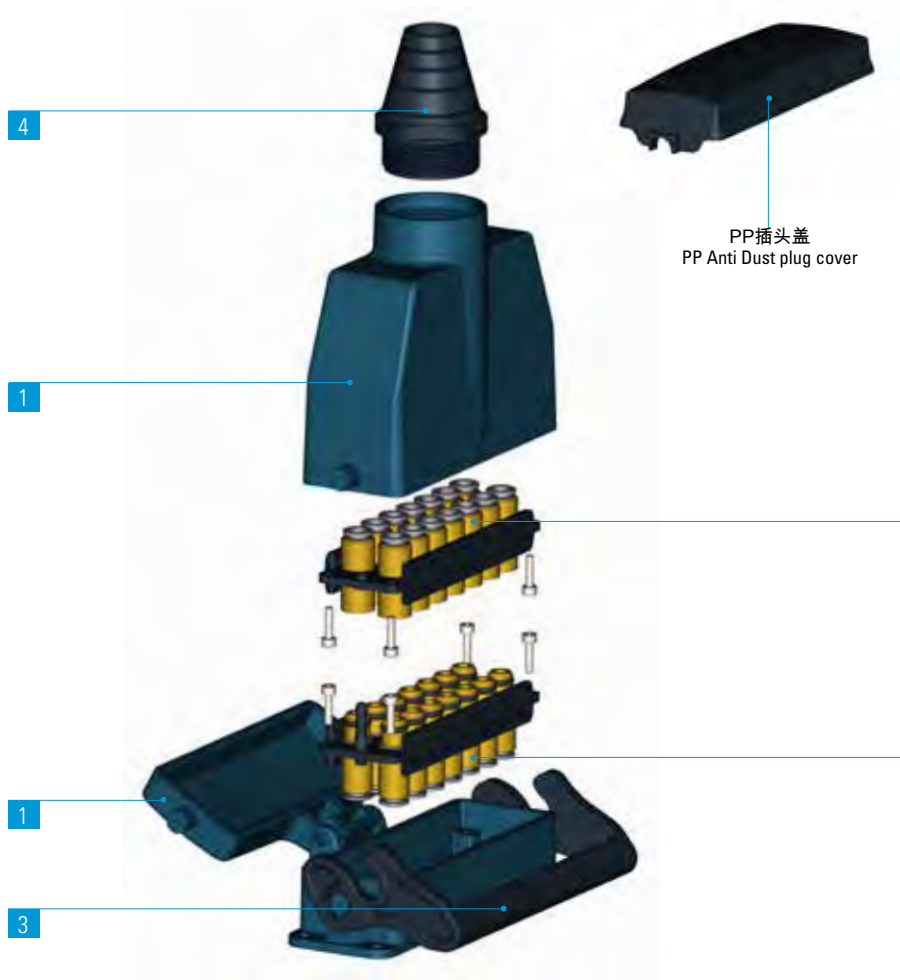
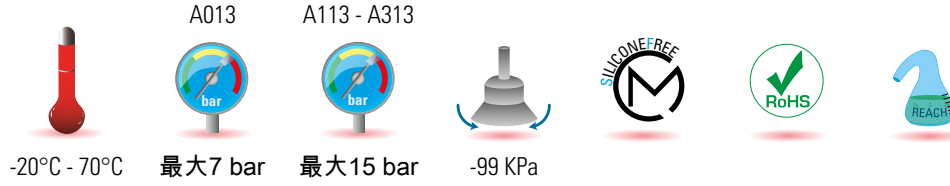
The multiple connector is made of a fixed part to be connected to the control device of pneumatic powered machines and a mobile part to be assembled to the air distribution equipment. The big advantage offered by it, is that a bundle of hoses, varying from min 8 to 24 tubes, can be rapidly and safely connected and disconnected. Our multiple connector is manufactured in such a way that the reverse assembly of the two parts is not possible.

CO-A

带保护盒多路接头

Multiple Connectors, Rigid Shell

1	2	3	4		
多路接头外壳 Multiple connector sheath	接头基座 Couplings support	拉杆 Lever	管路保护套 Tubing guide	密封圈 Seals	快插 Push-in Fitting
PARA (Ixef® 1022) PARA (Ixef® 1022)	PARA (Ixef® 1023) PARA (Ixef® 1023)	PARA (Ixef® 1022) PARA (Ixef® 1022)	PA6 PA6	NBR NBR	MA快插接头 MA push-in Fitting



标准系统：

对于每种尺寸的外壳，都有其规定的管路数目，此产品的紧凑设计，使得在相同管径的情况下，能够允许更多组管路数目。

STANDARD SYSTEM:

The Multiple connector is available for each Shell Size with a predetermined number of connections; this solution is created to minimize the number of possible outlets with the same tube diameter.

技术规格

建议的连接管路：
PA11、PA12、PA6、PE聚乙烯、PU聚氨酯（98 Shore A）。

应用领域：
气动系统。

DATA SHEET

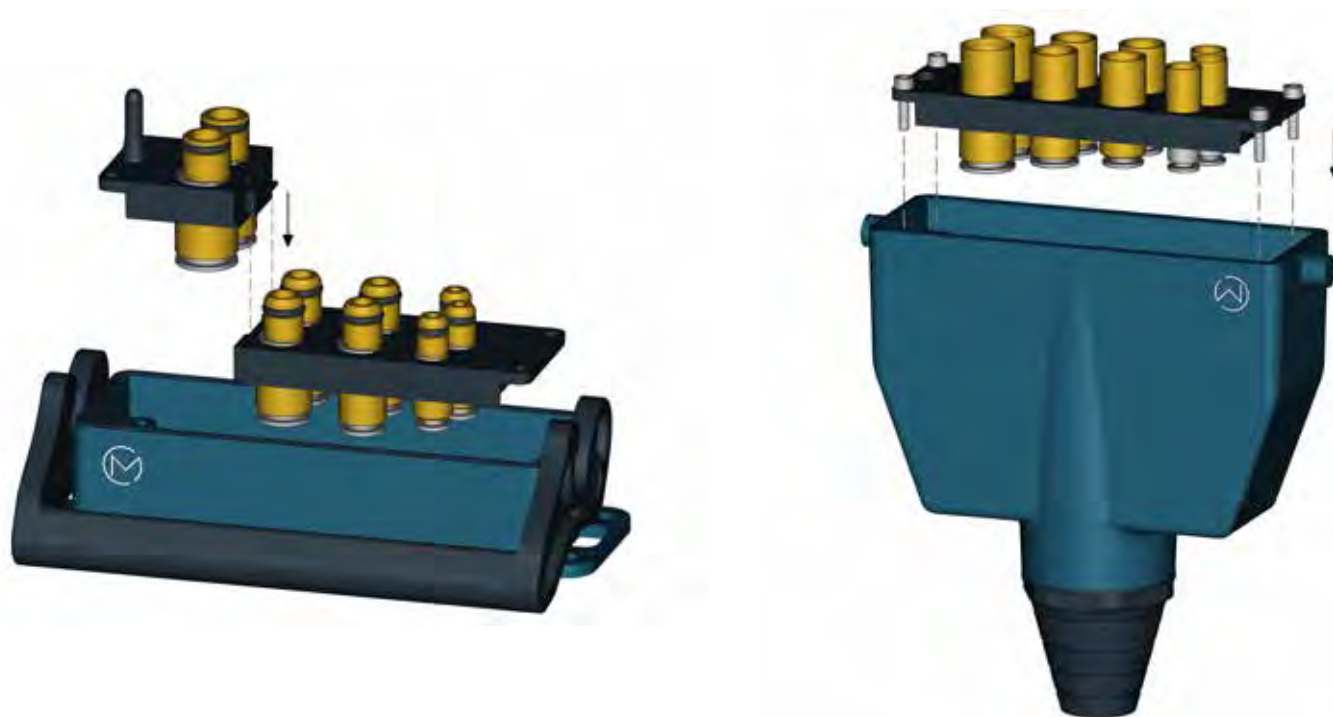
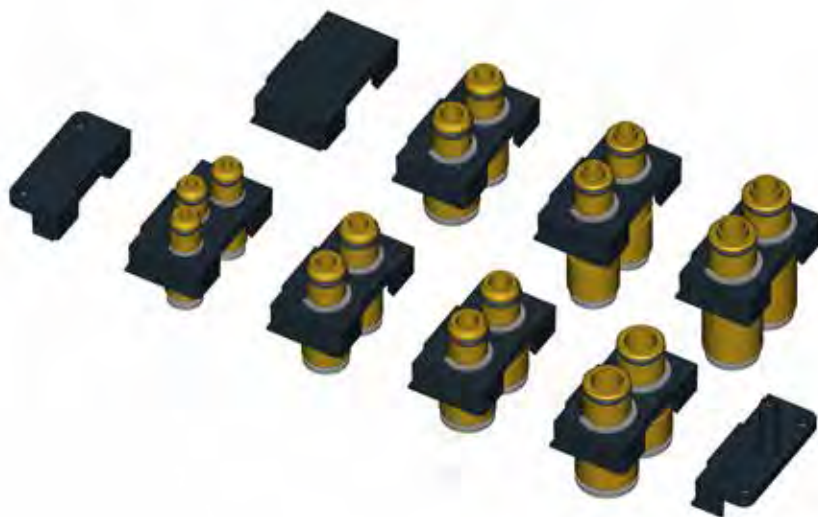
Recommended tubings:
PA11, PA12, PA6, Polyethylene PE, Polyurethane PU (98 Shore A).

Application fields:
Pneumatic circuits.

该多管路接头产品，使用户可以根据自身的管径尺寸，出口数量和相对布局来灵活选择连接方案。根据管径和管路数量，有以下几个不同外壳模块供选择。

This solution is offering the user the opportunity to configure the multiple connector such as the tube diameter, the number of outlets and the layout of the same according to his needs- The user can choose the following number of modules based on the size of the multiple connector shell.

尺寸1	尺寸2	尺寸3
3组+首尾模块 3 Modules + End plate	4组+首尾模块 4 Modules + End Plate	6组+首尾模块 6 Modules + End Plate



SIZE 0

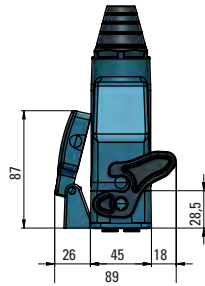
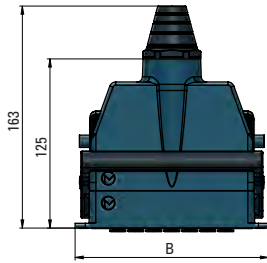
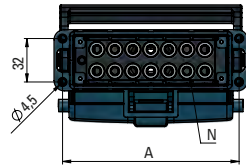
标准系统

STANDARD SYSTEM

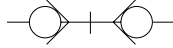
A013

完整多路接头

Multiple Connector, complete



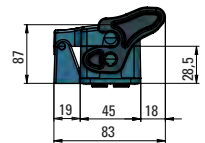
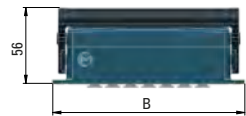
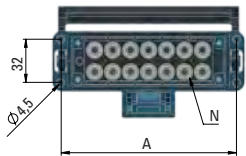
类型	管径Øe	A	B	管路组数	g Δ
A013 06 06 完整	6	82.5	95.5	6	645
A013 08 04 完整	8	82.5	95.5	4	594



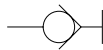
A013

带盖插座

Socket with cover



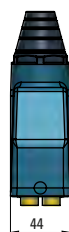
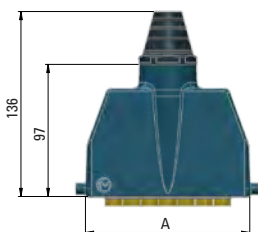
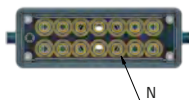
类型	管径Øe	A	B	管路组数	g Δ
A013 06 06 插座 + 盖	6	82.5	95.5	6	285
A013 08 04 插座 + 盖	8	82.5	95.5	4	272



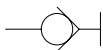
A013

插头

Plug



类型	管径Øe	A	管路组数	g Δ
A013 06 06 插头	6	73.5	6	364
A013 08 04 插头	8	73.5	4	330



SIZE 1

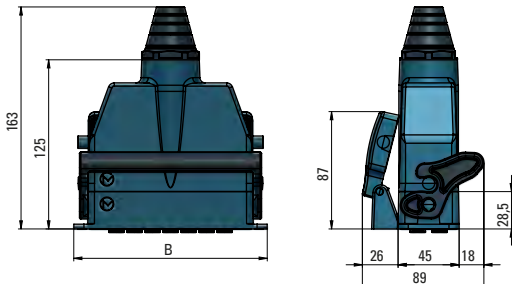
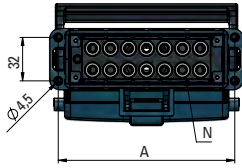
标准系统

STANDARD SYSTEM

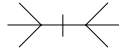
A113

完整多路接头

Multiple Connector, complete



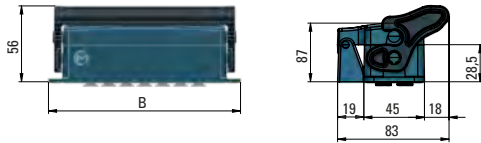
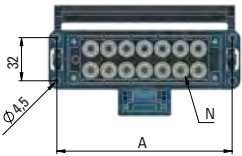
类型	管径 \varnothing_e		B	管路组数 g	Δ
A113 04 12 完整	4	103	115.5	12	612
A113 06 10 完整	6	103	115.5	10	718
A113 08 08 完整	8	103	115.5	8	656



A113

带盖插座

Socket with cover

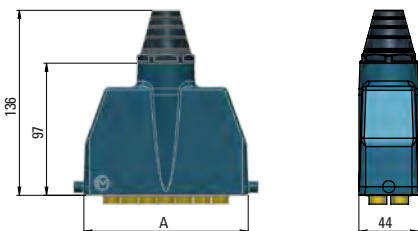
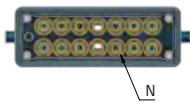


类型	管径 \varnothing_e		B	管路组数 g	Δ
A113 04 12 插座 + 盖	4	103	115.5	12	302
A113 06 10 插座 + 盖	6	103	115.5	10	342
A113 08 08 插座 + 盖	8	103	115.5	8	309

A113

插头

Plug



类型	管径 \varnothing_e		B	管路组数 g	Δ
A113 04 12 插头	4	94	94	12	318
A113 06 10 插头	6	94	94	10	339
A113 08 08 插头	8	94	94	8	355

SIZE 2

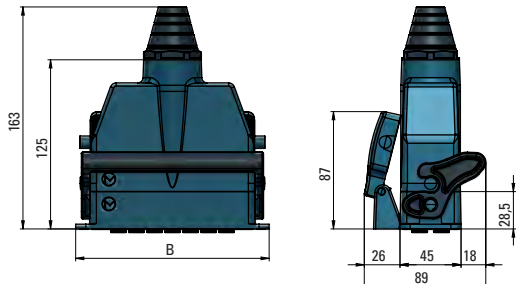
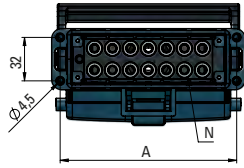
标准系统

STANDARD SYSTEM

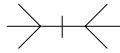
A213

完整多路接头

Multiple Connector, complete



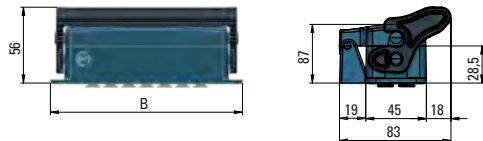
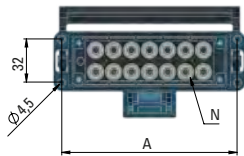
类型	管径 \varnothing_e	A	B	管路组数 g	Δ
A213 04 20 完整	4	129.5	142.5	20	828
A213 06 14 完整	6	129.5	142.5	14	923
A213 08 10 完整	8	129.5	142.5	10	801



A213

带盖插座

Socket with cover

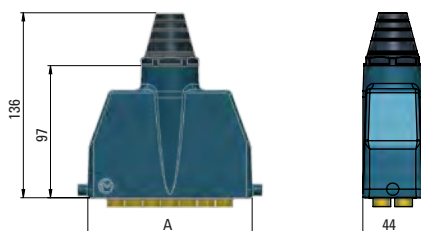
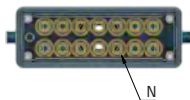


类型	管径 \varnothing_e	A	B	管路组数 g	Δ
A213 04 20 插座 + 盖	4	129.5	142.5	20	411
A213 06 14 插座 + 盖	6	129.5	142.5	14	436
A213 08 10 插座 + 盖	8	129.5	142.5	10	369

A213

插头

Plug



类型	管径 \varnothing_e	A	管路组数 g	Δ
A213 04 20 插头	4	120.5	20	425
A213 06 14 插头	6	120.5	14	495
A213 08 10 插头	8	120.5	10	432

SIZE 3

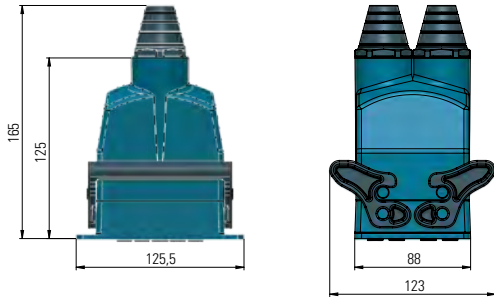
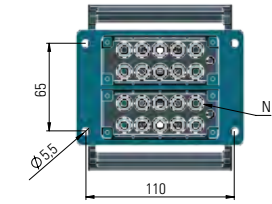
标准系统

STANDARD SYSTEM

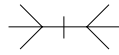
A313

完整多路接头

Multiple Connector, complete



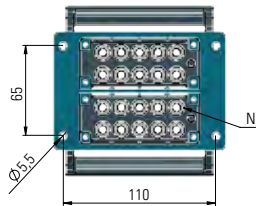
类型	管径 \varnothing_e	管路组数	g Δ
A313 04 24 完整	4	24	-
A313 06 20 完整	6	20	-
A313 08 16 完整	8	16	-



A313

插座

Socket

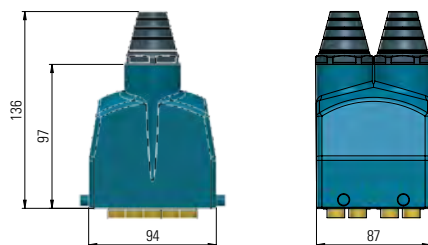
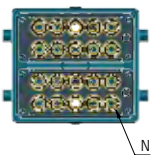


类型	管径 \varnothing_e	管路组数	g Δ
A313 04 24 插座	4	20	-
A313 06 20 插座	6	20	-
A313 08 16 插座	8	16	-

A313

插头

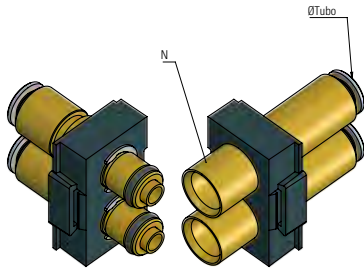
Plug



类型	管径 \varnothing_e	管路组数	g Δ
A313 04 24 Ⅱ	4	20	-
A313 06 20 Ⅱ	6	20	-
A313 08 16 Ⅱ	8	16	-

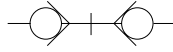
MOD 2

接头模块



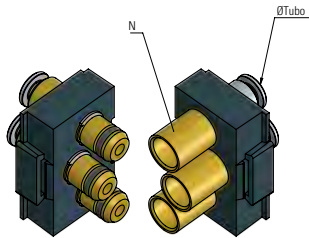
Push-in Fitting Module

类型	管径 $\varnothing e$	管路组数	$g \Delta \Delta$
6	6	2	111.5
8	8	2	137.5



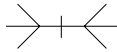
MOD 1

接头模块



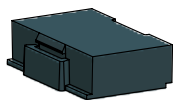
Push-in Fitting Module

类型	管径1 $\varnothing e$	管径2 $\varnothing e$	管路组数	$g \Delta \Delta$
4	4	-	3	62
6	6	-	2	73
6-8	6	8	2	73
8	8	-	2	73
10	10	-	2	82



盖帽模块

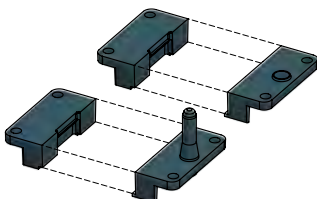
Blind Module



类型	$g \Delta \Delta$
夹子	4.7

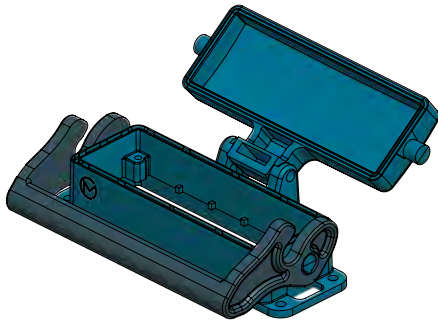
首尾模块

End Plate



类型	$g \Delta \Delta$
尺寸1	11
尺寸2	13
尺寸3	22

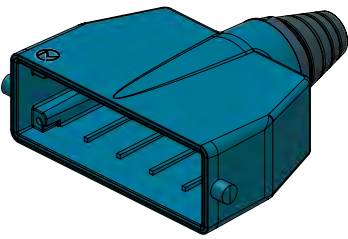
插座外壳



Socket Shell

类型	g $\Delta\Delta$
尺寸1	-
尺寸2	-
尺寸3	-

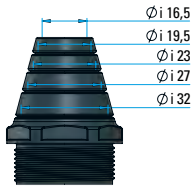
插头外壳



Plug Shell

类型	g $\Delta\Delta$
尺寸1	-
尺寸2	-
尺寸3	-

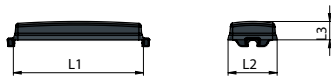
管路套



Tubing Guide

类型	g Δ
管路架	14.5

插头盖



Anti Dust Plug Cover

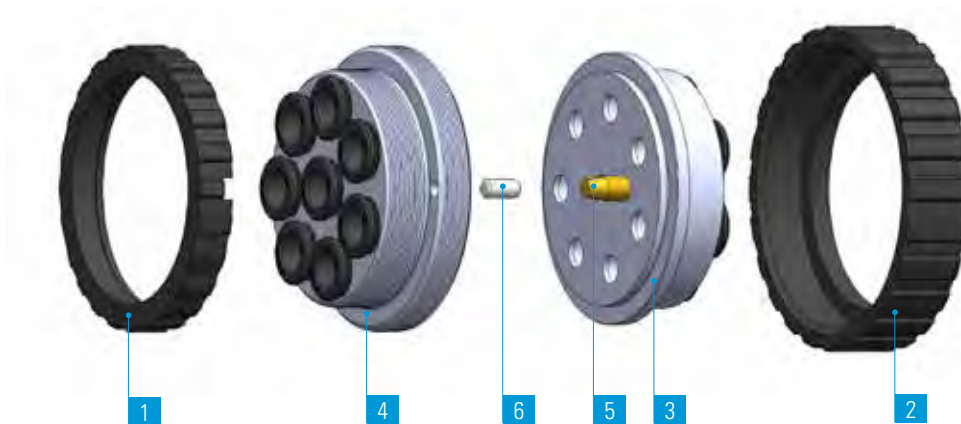
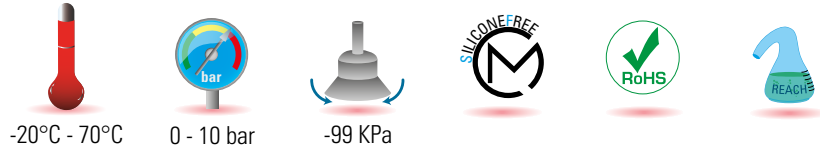
类型	L1	L2	L3	g Δ
A013插头盖	76	47	17.5	10
A113插头盖	97	47	17.5	12
A213插头盖	124	47	17.5	15
A313插头盖	97	88	17.5	-

CO-B

穿板式/直线式多路接头

Bulkhead-In Line Multiple Connectors

1	2	3	4	5	6
防松螺帽 Counternut	套箍 Sleeve	插头 Plug	插座 Socket	销 Pin	螺纹体 Screw
POM POM	POM POM	阳极氧化铝 Anodised Aluminium	阳极氧化铝 Anodised Aluminium	黄铜UNI EN12164 CW614N Brass UNI EN12164 CW614N	Steel



技术规格

建议的连接管路：
PA11、PA12、PA6、PE聚乙烯、PU聚氨酯（98 Shore A）。

应用领域：
气动系统。

DATA SHEET

Recommended tubings:
PA11, PA12, PA6, Polyethylene PE, Polyurethane PU (98 Shore A).

Application fields:
Pneumatic circuits.

松开插座上的防松螺母1，拧紧螺丝6，使其能伸出墙壁厚度（图2），将插座伸入墙壁通孔中，使得销子对位（图1），旋紧防松螺母1（图3）。

Loosen counter nut **1** from the multiple connector socket; tighten the screw **6** to let it sticks out as much as the wall thickness (Fig.2). Place the socket in the wall hole and allow for the screw **6** to fit into the Seat drilled through in the wall (Fig.1). Tighten the counter nut **1** on socket body until bottoms (Fig.3).

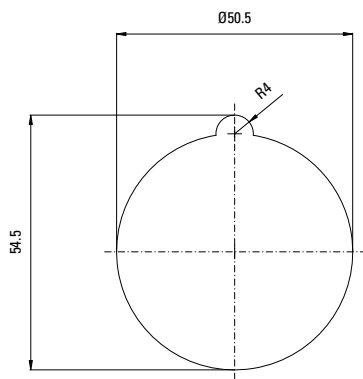


图1



图2



图3

松开防松螺母1到底，使得螺丝6可以对位底座A（图5），旋紧螺丝6，使得底座上的销子与对面螺帽对位，这时螺帽不会再转动了，可以通过旋紧或者松开滑套2来连接或者断开两个多路接头。

Tighten counter nut **1** until it bottoms and then unscrew it a bit to allow the screw to fit into its Seat **A** (Fig.5). Tighten the screw **6** all the way through its Seat **A** into the counter nut (Fig.6). At this stage, the counter nut can no longer rotate and will help tighten and loosen the sleeve **2** to connect and disconnect the two multiple connector components.

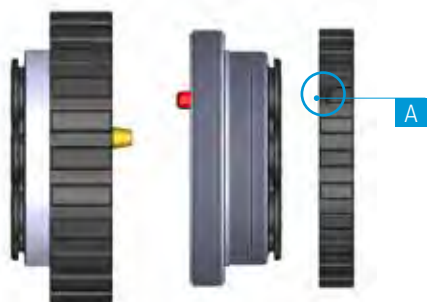


图4



图5

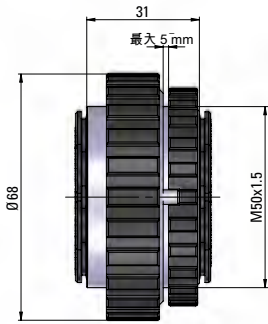


图6

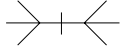
B113

完整多路接头

Multiple Connector, complete

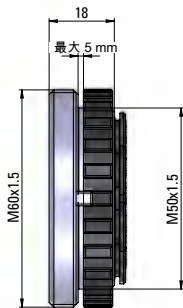


类型	管径 \varnothing_e	管路组数	g Δ
B113 04 12 完整	4	12	201.36
B113 06 10 完整	6	10	184.05
B113 08 08 完整	8	8	174.62

**B113**

插座

Socket

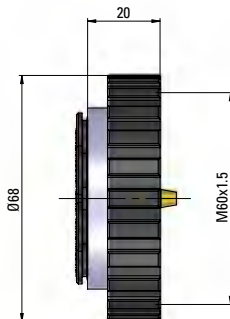


类型	管径 \varnothing_e	管路组数	g Δ
B113 04 12 插座	4	12	103.02
B113 06 10 插座	6	10	94.50
B113 08 08 插座	8	8	89.88

B113

插头

Plug



类型	管径 \varnothing_e	管路组数	g Δ
B113 04 12 插头	4	12	101.8
B113 06 10 插头	6	10	93.29
B113 08 08 插头	8	8	89.10