

江花®
JIANGHUA

镇江市华阳机电制造有限公司
ZHENJIANG HUAYANG ELECTROMECHANICAL MANUFACTURING CO.,LTD.

防爆管件

Explosion-proof Pipe Fitting



企业简介

Brief introduction

镇江市华阳机电制造有限公司(下文简称“华阳公司”)作为省级企业集团--江苏神华集团公司的核心企业,是中国石化物资资源市场成员,中国石油天然气集团公司一级供应网络成员单位,江苏省高新技术企业、江苏省计量保证确认单位,和镇江市质量信得过企业,公司注册资本3068万元。

“华阳公司”作为一家专业生产机电产品的企业,具有雄厚的机械加工能力和完善的检测手段。公司拥有先进的数控机床、各种普通车床以及滚齿、插齿、镗、铣、磨、刨、钻等各种金属切削设备一百余台;拥有国内最先进的PLC控制桥架磁轧生产线两条及剪板、折弯、冲床等各种冷加工设备二十余台;拥有拉挤玻璃钢桥架生产线、铝合金铸造生产线等专业生产设备;还拥有理化试验、压力试验、探伤试验等检测手段。良好的加工设备、完善的检测手段,为生产出一流的产品提供了有力的保障。

“华阳公司”生产的“江花”牌系列产品有:防爆管件、仪表管件阀门、联轴器、电缆桥架、母线槽、开关柜等。“江花”牌产品畅销于炼油、化工、冶金、机械、电力、轻工、建筑等行业,在全国拥有众多的客户,并随设备成套出口至伊朗、泰国、苏丹、印度尼西亚、巴基斯坦、斯里兰卡等国家。目前,公司已在全国许多地区建立了销售分支机构,营建了完美的客户服务体系,从而保证为广大用户提供优质、快捷服务。

“华阳公司”始终秉承“质量第一、用户至上”的宗旨,不断强化产品质量意识,建立了完整的质量保证体系。凭借严格的质量管理,公司于1998年一次性通过了ISO9002质量体系认证,又于2002年顺利通过ISO9001:2000标准质量体系认证;于2008年通过了ISO14001环境管理体系认证,又于2009年通过了OHSMS18001职业健康安全管理体系认证。

在全球一体化的经济浪潮中,“华阳公司”抢抓新机遇,迎接新挑战,广泛吸收国内外先进技术成果,不断开发新产品,增强企业的综合竞争实力,不断提高国际化水平,竭诚为客户、为社会倾力奉献!

Zhenjiang Huayang Electromechanical Manufacturing Co., Ltd. (abbreviation as follows "Huayang company") is the provincial level enterprise group--core enterprise of Jiangsu Shenhua Group, Chinese petrochemical material resource market member, China Petroleum and Gas Group Class One Supply Network Member Unit, Jiangsu Province high and new technology enterprise, Jiangsu Province quality guaranteed enterprise and Zhenjiang quality trustworthy enterprise. Our company registered capital is RMB30.68 million.

Our company has strong mechanical processing capacity and the perfect detection means. It now has advanced machining center, numerical control machine tool, gear hobbing, gear shaping, all kinds of lathes, boring machine, milling machine, the grinding machine and wireEDM machine etc. It has more than 150 like such machinery process facilities. At the same time, there is the test equipment of physical and chemical analysis, ultrasonic inspection detector and dynamic balancing testing machine etc. The good processing equipments and perfect testing equipments provide an effective guarantee for manufacturing first-class products. Now our factory adds new PLC on-line control rolling production lines.

"Jianghua" brand serial products manufactured by "Huayang company" include: explosion-proof pipe fitting, instrument pipe fitting valves, couplings, cable tray, busbar, switch cabinets etc; "Jiang Hua" brand serial products are sold well in many industries such as oil refining, chemical industry, metallurgy, machinery, electric power, light industry, construction and others. We have numerous customers best-selling in the nation, and along with the complete equipment exported to countries like Iran, Thailand, Sudan, Indonesia, Pakistan and Sri Lanka. At present, our company has established the sale branch offices in many areas, having built perfect customer service system, thus guaranteed to provide better and faster service for the customers.

"Huayang company" always follows the objective that "the quality first, users are supreme" and strengthen the quality consciousness unceasingly. Our company has established the complete quality assurance system. For the strict quality control, our company get the ISO9002 quality system certification in 1998, and also in 2002 smoothly passed ISO9001:2000 standard quality system authentication; and passed the ISO14001 Environmental Management System Certification in 2008, besides passed Vocational Health and Safety Management System Certification in 2009.

In the global integration's economical tide, "Huayang Company" seizes new opportunity, faces new challenge, widely absorbs the domestic and technology achievements and develops new products unceasingly to enhance the comprehensive competitive strength and raise the internationalization level unceasingly for the customers, and offer dedication for the society!



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NGd系列隔爆型挠性连接管

NGd series Flame proof type flexible conduits

结构特点 Features

- NGd系列隔爆型防爆挠性连接管根据制造材料分为两种：
钢丝增强橡胶护套挠性管，不锈钢丝编织护套挠性管；
 - 挠性管长度，螺纹规格可根据用户要求；
 - 具有阻燃、耐老化、挠性好、结构牢固、可靠性高等特点。
- NGd flame-proof type explosion-proof of the flexible conduit can be classified into two types according to manufacturing material. Steel wire reinforced rubber sleeve flexible conduit, Stainless steel wire of the flexible conduit
- The length and thread specification can be specially designed according to the customers' requirements.
- Flame retardant, anti-aging, good flexibility, right structure and high reliability.

技术数据 Technical datas

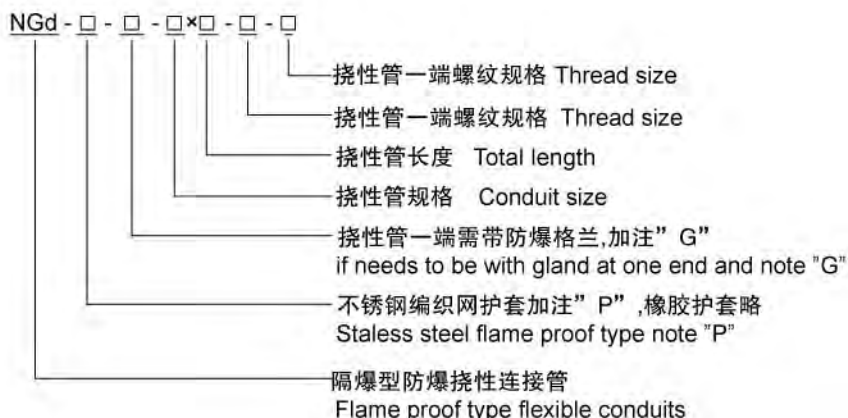
- 爆炸性气体环境：1区，2区，
- 气体或蒸汽类别：II A，II B，II C
- 执行标准：GB 3836.1，GB 3836.2，JB 9600
- 防爆标志：Exd II C
- 使用温度范围：不锈钢编织网护套挠性管 -50℃ ~ +500℃
橡胶护套挠性管 -20℃ ~ +60℃



- Explosive Gas Atmospheres: Zone 1, Zone 2
- Gas or Vapor Type: II A, II B, II C
- Executive Standard: GB 3836.1, GB 3836.2, JB 9600
- Explosion-proof Mark: Exd II C
- Temperature Range: Stainless Steel Mesh of the Flexible Conduit -50℃ ~ +500℃
Rubber Sleeve of the Flexible Conduit: -20℃ ~ +60℃

型号规格说明

Model designation



■ 结构型式 Structure Type:

NGd隔爆型防爆挠性连接管结构型式为不锈钢编织网护套挠性管加注"P", 橡胶护套可不注。
如需在挠性管外螺纹接口处加带MJd防爆电缆格兰加注"G",并提供电缆外径。

NGd flame-proof type explosion-proof flexible conduit's structure is stainless steel mesh of the flexible conduit noting "P",rubber sheath can be omissible.

If it needs to be with explosion-proof cable gland MJd at the interface of outer thread of the flexible conduit,it must note "G" and provide cable's outside diameter.

■ 挠性管通径 Flexible Conduit Inward Diameter:

挠性管通径按 13, 15, 20, 25, 32, 40, 50 系列选取

Flexible Conduit Inward Diameter is selected according to 13, 15, 20, 25, 32, 40, 50 Series.

■ 挠性管螺纹规格 Thread Spec.:

外螺纹加注"M", 内螺纹加注"F"

螺纹规格可根据用户要求采用米螺纹M、管螺纹G、NPT螺纹及PG螺纹等。

Male thread need to note "M", and female thread "F".

Thread specification can adopt metric thread M、 pipe thread G、 thread NPT and thread PG according to the customers' requirements.

型号举例 Model Example

NGd-P-15x700-NPT1/2M-G1/2F 表示不锈钢编织网护套挠性管,15x700mm,一端外螺纹NPT1/2, 另一端内螺纹G1/2

NGd-40x1000-G11/2M-G11/2F 表示隔爆型橡胶护套挠性管,40x1000mm,一端外螺纹G11/2, 另一端内螺纹G11/2

NGd-P-15x700-NPT1/2M-G1/2F denotes stainless steel mesh of the flexible conduit ,15x700mm,male thread NPT1/2 at one side,female thread G1/2 at another side.

NGd-40x1000-G11/2M-G11/2F denotes flame-proof type subber sleeve flexible conduit,40x1000mm,male thread G11/2 at one side,female thread G11/2 at another side.

规格参数 Spec. Parameters

序号 No.	挠性管型号 Flexible Conduit Model	管通径 (mm) Inward Diameter	长度L (mm)	接口螺纹规格 Threaded Coupling Spec.			最小弯曲半径 (mm) Min bend Radius
				G	NPT	M	
1	NGd-□-15×700	15	700	1/2	1/2	M20×1.5	80
2	NGd-□-20×700	20	700	3/4	3/4	M27×1.5	110
3	NGd-□-25×700	25	700	1	1	M32×1.5	145
4	NGd-□-32×1000	32	1000	1 1/4	1 1/4	M40×1.5	180
5	NGd-□-40×1000	40	1000	1 1/2	1 1/2	M52×1.5	210
6	NGd-□-50×1200	50	1200	2	2	M60×1.5	250

NGe系列增安型挠性连接管

NGe series increased safety type flexible conduits

结构特点 Features

- 采用镀锌软管平包塑作保护套管,具有良好的防护性能;
- 挠性管长度,螺纹规格可根据用户要求;
- 具有阻燃、耐老化、挠性好、结构牢固、可靠性高等特点。
- It adopts galvanized hose for plastic flat pack as a protection casing with a good performance of protection;
- The length and thread specification can be specially designed according to the customers' requirements.
- Flame retardant, anti-aging, good flexibility, right structure and high reliability.

技术数据 Technical datas

- 爆炸性气体环境: 1区, 2区,
- 气体或蒸汽类别: II类
- 执行标准: GB 3836.1, GB 3836.3, JB 9600
- 防爆标志: Exe II
- 使用温度范围: -20℃ ~ +60℃
- Explosive Gas Atmospheres: Zone 1, Zone 2
- Gas or Vapor Type: Type II
- Executive Standard: GB 3836.1, GB 3836.3, JB 9600
- Explosion-proof Mark: Exe II
- Temperature Range: -20℃ ~ +60℃



型号规格说明 Model designation



■ 结构型式 Structure Type:

增安型挠性连接管用NGe表示.

如需在挠性管外螺纹接口处加带MJd防爆电缆格兰加注"G",并提供电缆外径.

NGe denotes safety-increased type flexible conduit.

If it needs to be with explosion-proof cable gland MJd at the interface of outer thread of the flexible conduit, it must note "G" and provide cable's outside diameter.

■ 挠性管通径 Inward Diameter

挠性管通径按 13, 15, 20, 25, 32, 40, 50 系列选取

Flexible Conduit Inward Diameter is selected according to 13, 15, 20, 25, 32, 40, 50 Series.

■ 挠性管螺纹规格 Thread Spec.:

外螺纹加注"M", 内螺纹加注"F"

螺纹规格可根据用户要求采用米螺纹M、管螺纹G、NPT螺纹及PG螺纹等.

Male thread need to note "M", and female thread "F".

Thread specification can adopt metric thread M、 pipe thread G、 thread NPT and thread PG according to the customers' requirements

型号举例 Model Example

NGe-15x700-NPT1/2M-G1/2F 表示增安型挠性连接管,15x700mm,一端外螺纹NPT1/2, 另一端内螺纹G1/2

NGe-15x700-NPT1/2M-G1/2F denotes safety-increased flexible conduit,15x700mm,male thread NPT1/2 at one side, female thread G1/2 at another side.

规格参数 Spec. Parameters

序号 No.	挠性管型号 Flexible Conduit Model	管通径 (mm) Inward Diameter	长度L (mm)	接口螺纹规格 Threaded Coupling Spec.			最小弯曲半径 (mm) Min bend Radius
				G	NPT	M	
1	NGe-□-13×700	13	700	1/2	1/2	M18×1.5 M20×1.5	80
2	NGe-□-15×700	15	700	1/2	1/2	M20×1.5 M22×1.5	80
3	NGe-□-20×700	20	700	3/4	3/4	M24×1.5 M27×1.5	110
4	NGe-□-25×700	25	700	1	1	M32×1.5	145
5	NGe-□-32×1000	32	1000	1 1/4	1 1/4	M40×1.5	180
6	NGe-□-40×1000	40	1000	1 1/2	1 1/2	M52×1.5	210
7	NGe-□-50×1200	50	1200	2	2	M60×1.5	250

NGz系列防水防尘挠性连接管

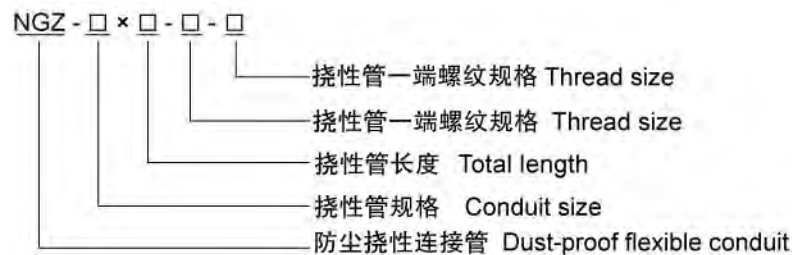
NGe series increased safety type flexible conduits

结构特点 Features

- 采用包塑软管作保护套管,具有良好的防水防尘性能;
- 挠性管长度,螺纹规格可根据用户要求;
- 具有阻燃、防腐、挠性好、安装维护方便等特点。
- It used plastic coated hose to be protective cased pipe with good performance of water-proof and dust-proof.
- The length and thread specification can be specially designed according to the customers' requirements.
- Flame retardant,corrosin-proof,good flexibility,easy installation and maintenance.



型号规格说明 Model designation



■ 结构型式 Structure Type:

防水防尘挠性连接管用NGZ表示,接头与软管采用专用的卡环连接。

Water-proof dust-proof can use NGZ to express, the connector and the flexible conduit are connected by special snap ring.

■ 挠性管通径 Flexible Conduit Inward Diameter:

挠性管通径按 13, 15, 20, 25, 32, 40, 50 系列选取

Flexible Conduit Inward Diameter is selected according to 13, 15, 20, 25, 32, 40, 50 Series.

■ 挠性管螺纹规格 Thread Spec.:

外螺纹加注"M",内螺纹加注"F"

螺纹规格可根据用户要求采用米螺纹M、管螺纹G、NPT螺纹及PG螺纹等。

Outer thread need to note "M",and inner thread "F".

Thread specification can adopt metric thread M、pipe thread G、thread NPT and thread PG according to the customers' requirements.

规格参数 Spec. Parameters

序号 No.	挠性管型号 Type	管通径 (mm) Inward Diameter	长度L (mm)	接口螺纹规格 Threaded Coupling Spec.			最小弯曲半径 Min bend Radius (mm)
				G	NPT	M	
1	NGZ-13×700	13	700	1/2	1/2	M18×1.5 M20×1.5	80
2	NGZ-15×700	15	700	1/2	1/2	M20×1.5 M22×1.5	80
3	NGZ-20×700	20	700	3/4	3/4	M24×1.5 M27×1.5	110
4	NGZ-25×700	25	700	1	1	M32×1.5	145
5	NGZ-32×1000	32	1000	1 1/4	1 1/4	M40×1.5	180
6	NGZ-40×1000	40	1000	1 1/2	1 1/2	M52×1.5	210
7	NGZ-50×1200	50	1200	2	2	M60×1.5	250

技术数据 Technical datas

- 危险区域: 一区, 二区
- 气体或蒸汽类别: II A、II B、II C
- 温度组别: T1 ~ T6
- 执行标准: GB 3836.1~3, GB 12476.1
- 防爆标志: Exd II BT6/Exd II CT6/Exe II /DIP A21
- 防护等级: IP54、IP65
- 额定工作电压: AC220V / AC380V
- 额定工作电流: 根据端子规格



- Hazardous Area: Zone 1, Zone 2
- Gas or Vapor Type: II A、II B、II C
- Temperature Category: T1 ~ T6
- Executive Standard: GB 3836.1~3, GB 12476.1
- Explosion-proof Mark: Exd II BT6/Exd II CT6/Exe II T6/DIP A20
- Protection Grade: IP54、IP65
- Rated Working Voltage: AC220V / AC380V
- Rated Operational Current: Terminal Specification

结构特点 Features

- 壳体采用铝合金铸造, 表面静电喷塑或喷漆处理;
 - 进出口数量、规格、方向可按用户要求定制;
 - 外露紧固件采用不锈钢材质;
 - 可根据用户要求直接配装MJd, KMJd防爆电缆密封接头;
 - 可方便连接钢管、挠性管, 具有安装使用方便、适用范围广, 安全性、可靠性高的特点。
- The shell is made of aluminum alloy with the surface treatment of the static spraying plastic/lacquering processing
 - The number of inlet and outlet, specifications and directions can be customized according to the clients' requirements.
 - The leakage fixers adopt stainless steel.
 - The explosion-proof cable seal connectors(MJd, KMJd) can be directly assembled according to the users.
 - It is convenient to connect steel pipe and flexible conduit with the features of easy installation and use, wide applicability, high security and reliability.

型号规格说明 Model designation

No.1	2	3	4	5	6	7	8	9	10	11
BXJ	d	36B	36	1.5	A	12	15	5	S	B
系列号	防爆型式	箱体型号	端子数量	规格	进出口方向	进出口数量	规格	电缆引入装置型式	电缆引入装置材质	气体类别
Series No.	Explosion-proof Type	Model	Terminal Number	Spec.	Direction of Inlet & Outlet	Inlet & Outlet Number	Spec.	Cable Lead-in Device Type	Cable Lead-in Device Material	Gas Category
BXJ	d e	12 24A 24B 36A 36B 48A 48B	最多端子数量见选型表 see "Order Information" for the most terminal number	1.5 2.5 4 6 10 16	A B C D	1 2 3 4 5 6 7	15 20 25 32 40 50	1 2 3 4 5	S C B A	B C

No.2 防爆型式 Explosion-proof Type

d 隔爆型 Flame-proof Type
 e 增安型 Safety-increased Type

No.3 箱体型号 Model

12 24A 24B 36A 36B 48A
 48B 数字为标配端子数(按2.5mm²), A为横式, B为立式。
 the number is standard terminal one(in accordance with 2.5mm²), A is horizontal type, B is vertical type.

No.4 端子数量 Terminal Number

最大端子数量见选型规格表
 标配端子数量可略
 see "Order Information" for maximum terminal number
 standard terminal number,omittable

No.5 端子规格 Terminal Specification

1.5 1.5 mm²
 2.5 2.5 mm² 标配,可略 Standard Collocate,Omittable
 4 4 mm²
 6 6 mm²
 10 10 mm²


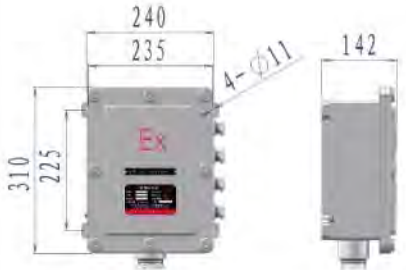


No.6 进出线方向 Direction of Inlet & Outlet

A 上侧进出线 Upper Inlet & Outlet
 B 下侧进出线 Downward Inlet & Outlet
 C 左侧进出线 Left Inlet & Outlet
 D 右侧进出线 Right Inlet & Outlet


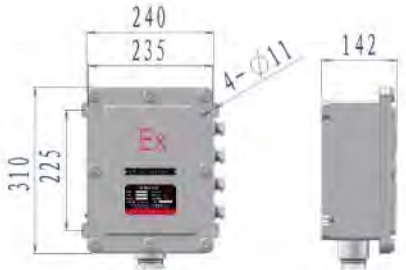


No.7 进出线口数量 Inlet & Outlet Number

1 1个进出线口 1 Inlet & Outlet
 2 2个进出线口 2 Inlet & Outlet
 3 3个进出线口 3 Inlet & Outlet
 4 4个进出线口 4 Inlet & Outlet
 5 5个进出线口 5 Inlet & Outlet
 6


选型表 Order information

接线箱规格 Junction Boxes Spec.	代号 Code	端子配备表 Terminal Table		每面最大进出口数量及规格 Maximum Inlet & Outlet Number and Specification for Each Side.		
		端子规格 Terminal Specification	最大数量 Maximum Number	G	A/B	C/D
	24A	1.5	38	G15	10	7
		2.5	32	G20	8	5
		4	26	G25	7	3
		6	20	G32	3	2
		10	16	G40	2	2
		16	12	G50	2	1
	24B	1.5	38	G15	6	9
		2.5	32	G20	6	7
		4	26	G25	4	5
		6	20	G32	2	3
		10	16	G40	2	2
		16	12	G50	1	1
	36A	1.5	52	G15	12	7
		2.5	40	G20	12	5
		4	40	G25	9	3
		6	28	G32	4	2
		10	22	G40	4	2
		16	19	G50	3	1
	36B	1.5	52	G15	8	12
		2.5	40	G20	6	12
		4	40	G25	4	9
		6	28	G32	2	4
		10	22	G40	2	4
		16	19	G50	1	3

选型表 Order information

接线箱规格 Junction Boxes Spec.	代号 Code	端子配备表 Terminal Table		每面最大进出口数量及规格 Maximum Inlet & Outlet Number and Specification for Each Side.		
		端子规格 Terminal Specification	最大数量 Maximum Number	G	A/B	C/D
	24A	1.5	38	G15	10	7
		2.5	32	G20	8	5
		4	26	G25	7	3
		6	20	G32	3	2
		10	16	G40	2	2
		16	12	G50	2	1
	24B	1.5	38	G15	6	9
		2.5	32	G20	6	7
		4	26	G25	4	5
		6	20	G32	2	3
		10	16	G40	2	2
		16	12	G50	1	1
	36A	1.5	52	G15	12	7
		2.5	40	G20	12	5
		4	40	G25	9	3
		6	28	G32	4	2
		10	22	G40	4	2
		16	19	G50	3	1
	36B	1.5	52	G15	8	12
		2.5	40	G20	6	12
		4	40	G25	4	9
		6	28	G32	2	4
		10	22	G40	2	4
		16	19	G50	1	3

选型表 Order information

接线箱规格 Junction Boxes Spec.	代号 Code	端子配备表 Terminal Table		每面最大进出口数量及规格 Maximum Inlet & Outlet Number and Specification for Each Side		
		端子规格 Terminal Specification	最大数量 Maximum Number	G	A/B	C/D
	48A	1.5	72	G15	16	7
		2.5	54	G20	14	5
		4	54	G25	9	3
		6	38	G32	6	2
		10	30	G40	5	2
		16	26	G50	3	1
	48B	1.5	72	G15	6	16
		2.5	54	G20	6	14
		4	54	G25	4	9
		6	38	G32	2	6
		10	30	G40	2	5
		16	26	G50	1	3

其它说明 Other information

- 接线箱如有其它要求, 需另外描述.
- 如同方向有不同进出口, 或几个方向都有进出口, 请按顺序排列表示, 中间可加“-”间隔, 如:
 下方有1个40的进口, 同时还有8个20的出口, 则标注为: B1/40-B8/20
 下方有1个40的进口, 左侧有8个20的出口, 右侧有8个20的出口, 则标注为: B1/40-C8/20-D8/20
- 如需配接地端子和接地汇流排需另外描述.

- If the junction box has other requirements, please give additional descriptions.
- If the same direction has different inlets & outlets or several directions all have inlets & outlets, please express in sequence, in the middle, adding "-" interval, such as:
 1 inlet with 40 below, at the same time 8 outlets with 20, noting B1/40-B8/20
 1 inlet with 40 below, 8 outlets with 20 on the left, 8 outlets with 20 on the right, noting B1/40-C8/20-D8/20
- If it needs to equip with the earth terminal and the ground busbar, please give additional descriptions.

技术数据 Technical datas

- 危险区域: 一区, 二区
- 气体或蒸汽类别: II A、II B、II C
- 温度组别: T1 ~ T6
- 执行标准: GB 3836.1, GB 3836.3
- 防爆标志: Exe II T6 / DIP A20
- 防护等级: IP65
- 额定工作电压: AC220V / AC380V
- 额定工作电流: 根据端子规格
- Hazardous Area: Zone 1, Zone 2
- Gas or Vapor Type: II A、II B、II C
- Temperature Category: T1 ~ T6
- Executive Standard: GB 3836.1, GB 3836.3
- Explosion-proof Mark: Exe II T6 / DIP A20
- Protection Grade: IP65
- Rated Working Voltage: AC220V / AC380V
- Rated Operational Current: Terminal Specification



结构特点 Features

- 壳体采用碳钢、不锈钢薄板折焊而成, 表面静电喷塑或抛光处理;
- 进出口数量、规格、方向可按用户要求定制;
- 外露紧固件采用不锈钢材质;
- 可根据用户要求直接配装MJd, KMJd防爆电缆密封接头;
- 可根据用户要求定制, 具有安装使用方便、适用范围广, 安全性、可靠性高的特点。
- The shell is made of carbon steel and stainless-steel sheet being folded and welded and the surface uses the static spraying plastic/ polishing processing
- The number of inlet and outlet, specifications and directions can be customized according to the clients' requirements.
- The leakage fixers adopt stainless steel.
- The explosion-proof cable seal connectors(MJd, KMJd) can be directly assembled according to the users.
- It can be customized according to the users' requirements with the features of easy installation and use, wide application range and high security and reliability.

型号规格说明 Model designation

No.1	2	3	4	5	6	7	8	9	10
SJB	S4	203014	36	4	A	12	15	3	S
系列号 Series No.	箱体材质 Body Material	箱体规格 Junction Box Body Spec.	端子数量 Terminal Number	规格 Spec.	进出线方向 Direction of Inlet & Outlet	数量 Qty.	规格 Spec.	电缆引入装置型式 Cable Lead-in Device Type	电缆引入装置材质 Cable Lead-in Device Material
SJB	S4 S6 St	203014 302014 203614 362014 254014 402514 364016 503816	最多端子数量见选型表 see "Order Information" for the most terminal number	1.5 2.5 4 6 10	A B C D	1 2 3 4 5 6 7	15 20 25 32 40 50	1 2 3 4 5	S C B P

No.1 接线箱系列号 Series NO.

SJB SJB系列钢制增安型防爆接线箱
SJB Series Steel Safety-increased Type
Explosion-proof Junction Boxes

No.2 箱体材质 body Material

S4: 不锈钢 (Stainless Steel) 304
S6: 不锈钢 (Stainless Steel) 316L
St: 碳钢表面喷塑 Carbon steel with spray plastics surface

No.3 箱体规格 Junction Box's body Spec.

203014 200x300x140(BxHxD)(宽x高x深)
302014 300x200x140(BxHxD)
203614 200x360x140(BxHxD)
362014 360x200x140(BxHxD)
254016 250x400x140(BxHxD)
402516 400x250x140(BxHxD)
364016 360x400x160(BxHxD)
503816 500x380x160(BxHxD)
603816 600x380x160(BxHxD)

注: 如需要可定制其它尺寸接线箱

No.4 端子数量 Terminal Number

最大端子数量见选型规格表
see "Order Information" for maximum terminal number

No.5 端子规格 Terminal Spec.

1.5 1.5 mm²
2.5 2.5 mm² 标配,略 Standard Collocate, Omittable
4 4 mm²
6 6 mm²

No.6 进出线方向 Direction of Inlet & Outlet

A	上侧进出线 Upper Inlet & Outlet
B	下侧进出线 Downward Inlet & Outlet
C	左侧进出线 Left Inlet & Outlet
D	右侧进出线 Right Inlet & Outlet

No.7 进出线口数量 Inlet & Outlet Number

1	1个进出线口 1 Inlet & Outlet
2	2个进出线口 2 Inlet & Outlet
3	3个进出线口 3 Inlet & Outlet
4	4个进出线口 4 Inlet & Outlet
5	5个进出线口 5 Inlet & Outlet
6

No.8 进出线口规格 Inlet & Outlet Spec.

15	DN15
20	DN20
25	DN25
32	DN32
40	DN40
50	DN50

No.9 电缆引入装置型式

Cable Lead-in Device Type

1	内螺纹G,配橡胶圈及塑料螺塞 (标配,可略) Inner thread G, equipped with rubber ring and plastics plug screw (Standard Collocate, Omittable)
2	防水密封接头 water-proof seal connector
3	MJd-A 防爆非铠装电缆格兰 MJd-A explosion-proof unarmoured cable grand
4	MJd-B 防爆非铠装电缆格兰 MJd-B explosion-proof unarmoured cable grand
5	KMJd 防爆铠装电缆格兰 KMJd explosion-proof armour cable grand

No.10 电缆引入装置材质

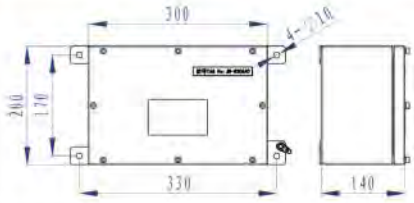
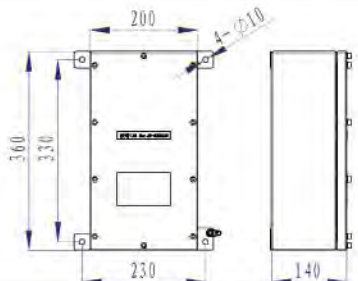
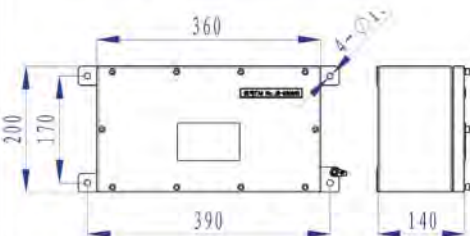
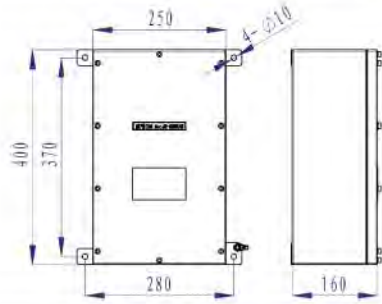
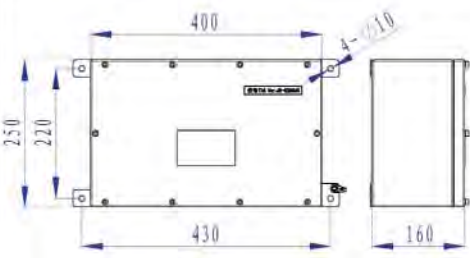
Cable Lead-in Device Material

S	304不锈钢 Stainless Steel
C	碳钢镀锌 Carbon Steel Galvanization
B	铜 Copper
P	塑料 Plastics

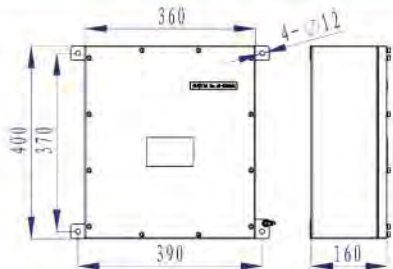
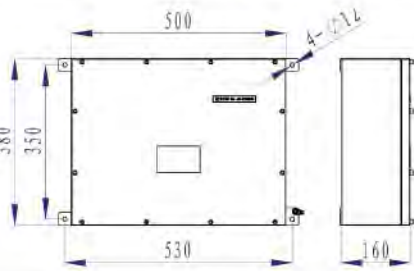
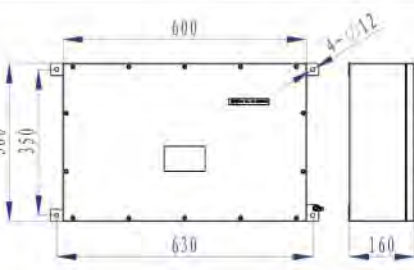
选型表 Order information

接线箱规格 Junction Box Spec.	代号 Code	端子配备表 Terminals' Selection		每面最大进出口数量及规格 Maximum Inlet & Outlet Number and Specification for each side.		
		端子规格 Terminal Spec.	最大数量 Maximum Number	G	A/B	C/D
	203014	1.5	48	G15	8	11
		2.5	36	G20	6	9
		4	32	G25	5	7
		6	24	G32	2	4
				G40	2	3
				G50	1	2

选型表 Order information

接线箱规格 Junction Box Spec.	代号 Code	端子配备表 Terminals' Selection		每面最大进出口数量及规格 Maximum Inlet & Outlet Number and Specification for each side.		
		端子规格 Terminal Spec.	最大数量 Maximum Number	G	A/B	C/D
	302014	1.5 2.5 4 6	48 36 32 24	G15 G20 G25 G32 G40 G50	12 10 8 4 3 3	7 5 5 2 1 1
	203614	1.5 2.5 4 6	60 48 45 30	G15 G20 G25 G32 G40 G50	8 6 5 2 2 1	13 11 9 5 4 3
	362014	1.5 2.5 4 6	60 48 45 30	G15 G20 G25 G32 G40 G50	14 12 10 5 4 3	7 5 5 2 1 1
	254014	1.5 2.5 4 6	30x3 24x3 21x3 15x3	G15 G20 G25 G32 G40 G50	10 10 7 3 2 2	15 13 9 5 4 3
	402514	1.5 2.5 4 6	30x3 24x3 21x3 15x3	G15 G20 G25 G32 G40 G50	16 14 10 5 4 3	9 9 7 3 2 1

选型表 Order information

接线箱规格 Junction Box Spec.	代号 Code	端子配备表 Terminals' Selection		每面最大进出口数量及规格 Maximum Inlet & Outlet Number and Specification for each side.		
		端子规格 Terminal Spec.	最大数量 Maximum Number	G	A/B	C/D
	364016	1.5	55x3	G15	14	15
		2.5	45x3	G20	12	13
		4	42x3	G25	10	9
		6	27x3	G32	5	5
				G40	4	4
				G50	3	3
	503816	1.5	60x3	G15	22	13
		2.5	50x3	G20	20	11
		4	45x3	G25	14	9
		6	30x3	G32	7	5
				G40	5	4
				G50	4	3
	603816	1.5	60x4	G15	26	13
		2.5	50x4	G20	24	11
		4	45x4	G25	18	9
		6	30x4	G32	8	5
				G40	6	4
				G50	5	3

其它说明 Other information

- 接线箱如有其它要求,需另外描述.
 - 如同方向有不同进出口,或几个方向都有进出口,请按顺序排列表示,中间可加“-”间隔,如:
下方有1个40的进口,同时还有8个20的出口,则标注为: B1/40-B8/20
 - 如配用电缆格兰,请提供电缆尺寸.
- If the junction box have other requirements,please give additional descriptions.
 - If the same direction has different inlets & outlets or several directions all have inlets & outlets, please express in sequence,in the middle,adding "-" interval, such as:
1 inlet with 40 below,at the same time 8 outlets with 20, noting B1/40-B8/20
 - If it needs to equip with cable gland, please provide cable size.

结构特点 Features

- 壳体采用铸铝合金或铸钢，表面喷漆或镀锌处理；
- 结构型式多种多样，便于安装；
- 可定制变径。
- The shell is made of cast aluminium alloy/cast steel with lacquering/galvanizing surface.
- The structure code is various and easy to install.
- It can be customized for variable diameter.



技术数据 Technical datas

- 爆炸性气体环境: 1区, 2区,
- 气体或蒸汽类别: II A, II B, II C
- 执行标准: GB 3836.1, GB 3836.3, JB 9599
- 防爆标志: Exe II
- Explosive Gas Atmospheres: Zone 1, Zone 2
- Gas or Vapor Type: II A, II B, II C
- Executive Standard: GB 3836.1, GB 3836.3, JB 9599
- Explosion-proof Mark: Exe II

型号规格说明 Model designation



- 结构型式 (Structure Code) :

代号 Code	型式	Type
E	直通穿线盒	Straight Wiring Box
T	三通穿线盒	Tee Wiring Box
S	四通穿线盒	Cross Wiring Box
Z	左盖弯通穿线盒	Wiring Box with the Left Cover Bend
Y	右盖弯通穿线盒	Wiring Box with the Right Cover Bend
H	后盖弯通穿线盒	Wiring Box with the Back Cover Bend
W	弯通穿线盒	Bend Wiring Box
HT	后盖三通穿线盒	Wiring box with the Back Cover Tee

■ 规格与连接螺纹 Spec.& Connecting Thread:

连接螺纹一般采用管螺纹G, 可省略, 如需采用其它螺纹如NPT等需标注。

The connecting thread generally adopts pipe thread G, omissible, if it needs other threads, for example thread NPT etc, it must note.

规格 Spec.	螺纹G Thread G
15	G1/2
20	G3/4
25	G1
32	G11/4
40	G11/2
50	G2
70	G21/2
80	G3

■ 型号举例 Model Example:

YHXe-E-50 表示防爆直通穿线盒规格50, 连接螺纹G2,

YHXe-T-15 表示防爆三通穿线盒15, 连接螺纹G1/2,

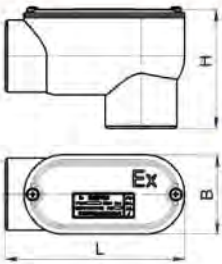
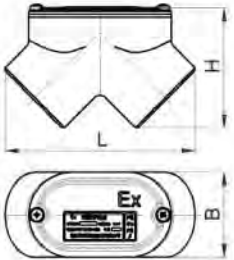
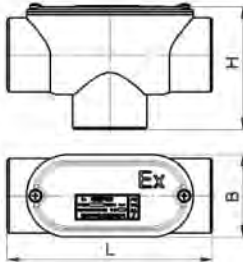
YHXe-E-50 denotes explosion-proof straight wiring box Spec.50,Connecting Thread G2,

YHXe-T-15 denotes explosion-proof tee wiring box Spec.15,Connecting Thread G/12.

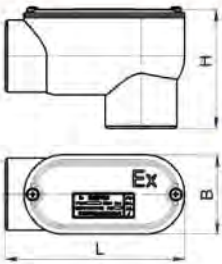
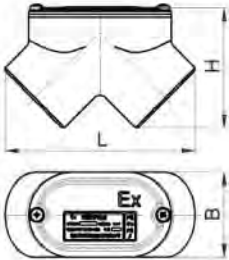
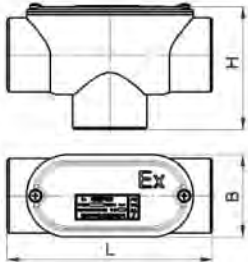
外型尺寸 Outline Dimension

型号及外形示意 Model & Schematic View	规格 Spec.	连接螺纹 Connecting Thread	外形尺寸 (mm) Outline Dimension		
			L	B	H
 <p>YHXe-E 直通穿线盒 YHXe-E Straight Wiring Box</p>	15	G1/2	104	34	38
	20	G3/4	116	38	43
	25	G1	134	42	48
	32	G11/4	150	54	61
	40	G11/2	158	64	68
	50	G2	167	74	76
	70	G21/2	185	87	95
	80	G3	225	110	115

外型尺寸 Outline Dimension

型号及外形示意 Model & Schematic View	规格 Spec.	连接螺纹 Connecting Thread	外形尺寸 (mm) Outline Dimension		
			L	B	H
 <p>YHXe-H 后盖弯通穿线盒 Wiring Box with the Back Cover Bend</p>	15	G1/2	93	34	52
	20	G3/4	107	38	57
	25	G1	125	42	64
	32	G1 1/4	135	54	81
	40	G1 1/2	145	64	95
	50	G2	150	74	101
	70	G2 1/2	165	87	123
	80	G3	195	110	160
 <p>YHXe-W 弯通穿线盒 YHXe-W Bend Wiring Box</p>	15	G1/2	78	35	50
	20	G3/4	90	39	55
	25	G1	102	44	60
	32	G1 1/4	127	53	70
	40	G1 1/2	132	58	82
	50	G2	160	71	92
	70	G2 1/2	230	84	125
	80	G3	230	106	130
 <p>YHXe-HT 后盖三通穿线盒 YHXe-HT Wiring box with the Back Cover Tee</p>	15	G1/2	104	34	52
	20	G3/4	116	38	57
	25	G1	134	42	64
	32	G1 1/4	150	54	81
	40	G1 1/2	158	64	95
	50	G2	170	74	101
	70	G2 1/2	185	87	123
	80	G3	225	110	160

外型尺寸 Outline Dimension

型号及外形示意 Model & Schematic View	规格 Spec.	连接螺纹 Connecting Thread	外形尺寸 (mm) Outline Dimension		
			L	B	H
 <p>YHXe-H 后盖弯通穿线盒 Wiring Box with the Back Cover Bend</p>	15	G1/2	93	34	52
	20	G3/4	107	38	57
	25	G1	125	42	64
	32	G1 1/4	135	54	81
	40	G1 1/2	145	64	95
	50	G2	150	74	101
	70	G2 1/2	165	87	123
	80	G3	195	110	160
 <p>YHXe-W 弯通穿线盒 YHXe-W Bend Wiring Box</p>	15	G1/2	78	35	50
	20	G3/4	90	39	55
	25	G1	102	44	60
	32	G1 1/4	127	53	70
	40	G1 1/2	132	58	82
	50	G2	160	71	92
	70	G2 1/2	230	84	125
	80	G3	230	106	130
 <p>YHXe-HT 后盖三通穿线盒 YHXe-HT Wiring box with the Back Cover Tee</p>	15	G1/2	104	34	52
	20	G3/4	116	38	57
	25	G1	134	42	64
	32	G1 1/4	150	54	81
	40	G1 1/2	158	64	95
	50	G2	170	74	101
	70	G2 1/2	185	87	123
	80	G3	225	110	160

结构特点 Features

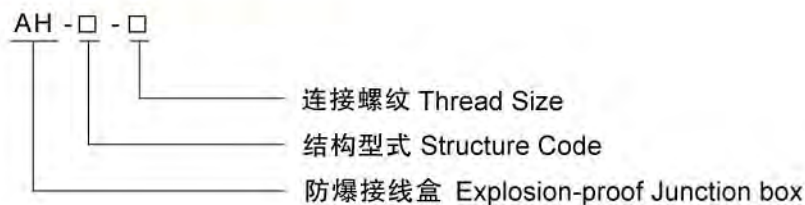
- 壳体采用压铸铝合金，表面喷漆处理；
- 进出线口有多种方式与规格；
- 配有4路柱形接线端子供接线。
- The shell is made of die-casting aluminium with lacquering surface.
- Inlet or outlet has many kinds of modes and specifications.
- It is equipped with four-way cylindrical terminals for junction.



技术数据 Technical datas

- 爆炸性气体环境: 1区, 2区,
- 气体或蒸汽类别: II A, II B, II C
- 执行标准: GB 3836.1, GB 3836.2, GB 3836.3;
- 额定电压: 380v, 额定电流: 20A;
- 防爆标志: Exd II BT6
- Explosive Gas Atmospheres: Zone 1, Zone 2
- Gas or Vapor Type: II A, II B, II C
- Executive Standard: GB 3836.1, GB 3836.2, GB 3836.3
- Rated Voltage 380v; Rated Current: 20A
- Explosion-proof Mark: Exd II BT6

型号规格说明 Model designation



- 结构型式 Structure Code :

代号 Code	结构型式示意 Structure sketch map	名称 Name
1		一通平盖接线盒 1 entry in horizon junction box
21		直二通平盖接线盒 2 direct entries in horizon junction box
22		直角二通平盖接线盒 2 perpendicular entries in horizon Junction Box
3		三通平盖接线盒 3 entries in horizon junction box
4		四通平盖接线盒 4 entries in horizon junction box
1D		一通凸盖接线盒 1 entry junction box with the convex cover
21D		直二通凸盖接线盒 2 direct entries junction box with the convex cover
22D		直角二通凸盖接线盒 2 perpendicular entries with the dished cover
3D		三通凸盖接线盒 3 entries junction box with the convex cover
4D		四通凸盖接线盒 4 entries junction box with the convex cover

■ 连接螺纹 Connecting Thread

正常情况下，连接螺纹采用圆柱管螺纹G；

螺纹规格：G1/2， G3/4, G1, G1 1/4, G1 1/2, G2；

正常情况下，凸盖与通头同口径，特殊要求可定制。

Normally, the connecting thread adopts the cylindrical tube thread G.

Thread Spec.: G1/2, G3/4, G1, G1 1/4, G1 1/2, G2;

Normally, the diameter of entry is equal to the dished cover, special requirements can be available.

■ 型号举例 Model Example:

AH-21-G1/2 表示直二通平盖接线盒，连接螺纹G1/2；

AH-22D-G3/4 表示直角二通凸盖接线盒，连接螺纹G3/4；

AH-21-G1/2 denotes 2 direct entries in horizon of the junction box, the connecting thread G1/2.

AH-22D-G3/4 denotes 2 perpendicular entries of the junction box with the dished cover, the connecting thread is G1/2;

结构特点

- 壳体采用铸铝合金，表面喷漆处理；
- 与防爆胶泥配套使用，具有良好的密封隔爆性能。
- The shell adopts the die casting aluminum alloy with the surface treatment of lacquering
- It can be used with explosion-proof mortars, a good performance of sealing and flame-proof.

技术数据 Technical datas

- 爆炸性气体环境: 1区, 2区,
- 气体或蒸汽类别: II A, II B, II C
- 执行标准: GB 3836.1, GB 3836.3, JB 9599
- 防爆标志: Exd II
- Explosive Gas Atmospheres: Zone 1, Zone 2
- Gas or Vapor Type: II A, II B, II C
- Executive Standard: GB 3836.1, GB 3836.3, JB 9599
- Explosion-proof Mark: Exd II



型号规格说明 Model designation



■ 结构型式 Structure code:

Zx: 纵向型防爆隔离密封接头 (俗称Y型密封接头)

Hx: 横向型防爆隔离密封接头

Ps: 排水型防爆隔离密封接头

Zx: Endwise Type Explosion-proof Isolated Sealing Connector (Type Y Sealing Connector)

Hx: Cross-direction Type Explosion-proof Isolated Sealing Connector

Ps: Draining Type Explosion-proof Isolated Sealing Connector

■ 规格与连接螺纹 Thread Spec.:

规格15-80,连接螺纹采用管螺纹G

Spec.15-18,the connecting thread adopts pipe thread G.

规格(Spec.)	15	20	25	32	40	50	70	80
螺纹G(Thread)	G1/2	G3/4	G1	G1 1/4	G1 1/2	G2	G2 1/2	G3

■ 设计序号 Design No.:

仅Zxd纵向型分为 I 型 II 型两种。

Only Zxd Endwise Type is divided into two types:Type II & Type I.

■ 型号举例 Model Example:

Zxd-I-20 表示纵向型 I 型的隔离密封接头, 连接螺纹G3/4;

Psd-25 表示排水型隔离密封接头, 连接螺纹G1;

Zxd-I-20 denotes endwise type I type isolated sealing connector,connecting thread G3/4;

Psd-25 denotes draining type isolated sealing connector,connecting thread G1;

MJd系列防爆电缆密封接头

MJd series explosion-proof cable glands

结构特点 Features

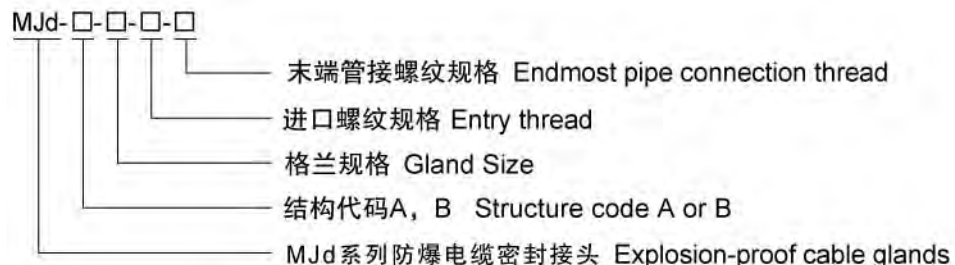
- MJd系列防爆电缆密封接头采用锥形橡胶密封填料,密封效果好;
- 适用于各种非铠装电缆的夹持和固定;
- 具有安装使用方便,适用范围广泛,安全性、可靠性高的特点。
- MJd series explosion-proof cable gland adopts tapered rubber with dual seal structure,well sealing.
- It is applicable for clamping and fixing various unarmoured cable;
- It has the features of easy installation and use, wide application range and high security and reliability.



技术数据 Technical datas

- 危险区域: 1区, 2区, 21区, 22区
- 气体或蒸汽类别: II A, II B, II C
- 制造材料: 碳钢镀锌, 黄铜(镀镍), 不锈钢
- 执行标准: GB 3836.1, GB 3836.2, GB 3836.3, GB12476.1
- 防爆标志: Exd II C / Exe II / DIPA21 IP66
- 工作温度: -20℃ ~ 80℃
- 防护等级: IP66
- Hazardous Area: Zone 1, Zone 2, Zone 21, Zone 22
- Gas or Vapor Type: II A, II B, II C
- Material: Carbon Steel with Zinc-plating Surface, Brass or Brass with Nickel Plating Surface, Stainless Steel
- Executive Standard: GB 3836.1, GB 3836.2, GB 3836.3, GB12476.1
- Explosion-proof Mark: Exd II C / Exe II / DIPA21 IP66
- Working Temperature: -20℃ ~ 80℃
- Protection Grade: IP66

型号规格说明 Model designation



■ 结构型式 Structure Code :

MJd防爆电缆密封接头结构型式有A型和B型两种, B型在A型的基础上增加末端螺纹接口,以便与挠性管或钢管连接。
MJd explosion-proof cable gland Structure Code: Type A and Type B, compared to Type A, Type B is added to the interface of endmost thread so as to connect flexible conduit and steel pipe.

■ 格兰规格 Gland Spec. :

MJd防爆电缆密封接头规格代码: 20, 25, 32, 40, 50S, 50, 63S, 63
MJd explosion-proof cable gland Spec. Code: 20, 25, 32, 40, 50S, 50, 63S, 63

■ 可用的进口螺纹规格 Inlet Thread Spec. Available:

标准配置米制螺纹M
Standard Metric Thread M

代码 Code	M
M20	M20x1.5
M25	M25x1.5
M32	M32x1.5
M40	M40x1.5
M50	M50x1.5
M50	M50x1.5

其它可选螺纹
Other Optional Thread

G螺纹 G Thread	PG螺纹 PG Thread	NPT螺纹 NPT Thread	R螺纹 R Thread
G1/2	PG13.5	NPT1/2	R1/2
G3/4	PG21	NPT3/4	R3/4
G1	PG29	NPT1	R1
G1 1/4	PG36	NPT1 1/4	R1 1/4
G1 1/2	PG36	NPT1 1/2	R1 1/2
G2	PG42	NPT2	R2

■ 末端螺纹接口规格 Interface Spec.of Endmost Thread :

BSPP(G)螺纹接口: G1/2, G3/4, G1, G1 1/4, G1 1/2, G2

NPT螺纹接口: NPT1/2, NPT3/4, NPT1, NPT1 1/4, NPT1 1/2, NPT2

注: NPT螺纹可略写为N, 如N1/2表示NPT1/2; 内螺纹应加注“F”, 如NPT1/2内螺纹标为: N1/2F

BSPP(G) Thread Coupling: G1/2, G3/4, G1, G1 1/4, G1 1/2, G2

NPT Thread Coupling: NPT1/2, NPT3/4, NPT1, NPT1 1/4, NPT1 1/2, NPT2

Note: Thread NPT can be written briefly to be "N", for example, N1/2 denotes NPT1/2; female screw needs to be added to note "F", for example, female screw NPT1/2 denotes N1/2F.

型号举例 Model Example

例1. MJd-A-20-M20 表示MJd-A型20规格M20x1.5螺纹的防爆电缆密封接头

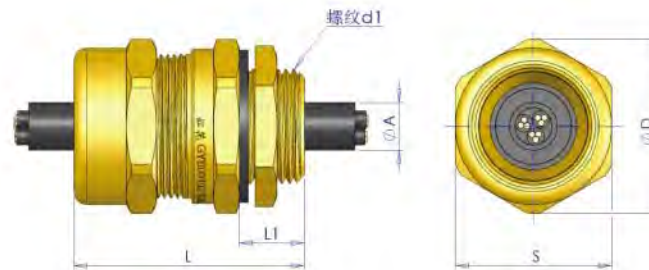
例2. MJd-B-40-M40-G11/4F 表示MJd-B型, 40规格, 进口螺纹M40x1.5,带G11/4内螺纹的防爆电缆密封接头

Example 1: MJd-A-20-M20 denotes: Type MJd-A, Spec.20, Explosion-proof Cable Gland Thread M20x1.5

Example 2: MJd-B-40-M40-G11/4F denotes: Type MJd-B, Spec.40, Inlet Thread M40x1.5, Explosion-proof Cable gland female screw G11/4

MJd-A型防爆电缆密封接头

MJd-A Explosion-proof cable glands



规格表 Spec. Table

规格 Size	螺纹规格d1 Available Entry Threads					电缆外径 A Overall Cable Diameter		S max	D max	L1 min	L
	M	G(BSPP)	PG	NPT	R(BSPT)	Min	Max				
20S	M20x1.5	G1/2	PG13.5	NPT1/2	R1/2	7	10	27	30	15	55
20	M20x1.5	G1/2	PG13.5	NPT1/2	R1/2	9	12	27	30	15	55
25	M25x1.5	G3/4	PG21	NPT3/4	R3/4	11	18	36	40	15	56
32	M32X1.5	G1	PG29	NPT1	R1	14	22	41	45	18	60
40	M40x1.5	G11/4	PG36	NPT11/4	R11/4	18	27	50	55	19	65
50S	M50x1.5	G11/2	PG36	NPT11/2	R11/2	23	32	56	60	20	69
50	M50x1.5	G2	PG42	NPT2	R2	28	38	70	75	20	75
63S	M63x1.5	G2	PG48	NPT2	R2	36	46	75	84	20	81
63	M63x1.5	G21/2	—	NPT21/2	R21/2	42	52	80	90	20	88

注: 直螺纹如M, G, PG 螺纹可配用锁母及垫片, 以便固定于箱壁上, 如需要, 订货时应注明. 表中尺寸单位为毫米(mm).

Note: Straight Thread such as Thread M,G,PG can be equipped with blocking nuts and pads so as to fix on the box wall,if it needs, please note clearly when placing order. Unit is Millimeter in the Table.

MJd-B型防爆电缆密封接头

MJd-B Explosion-proof cable glands



MJd-B型防爆电缆密封接头规格表(直螺纹)

MJd-B Explosion-proof cable glands Spec.Table(Straight Thread)

规格 Size	螺纹规格d1 Available Entry Threads			末端螺纹接口d2 Endmost Pipe Connection Thread		电缆外径 Overall Cable Diameter		S max	D max	L1 Min	L
	M	G(BSPP)	PG	G(BSPP)	NPT	Min	Max				
	20S	M20x1.5	G1/2	PG13.5	G1/2	NPT1/2	7				
20	M20x1.5	G1/2	PG13.5	G1/2	NPT1/2	9	12	27	30	15	67
25	M25x1.5	G3/4	PG21	G3/4	NPT3/4	11	18	36	40	15	69
32	M32X1.5	G1	PG29	G1	NPT1	14	22	41	45	16	75
40	M40x1.5	G11/4	PG36	G11/4	NPT11/4	18	27	50	55	16	80
50S	M50x1.5	G11/2	PG36	G11/2	NPT11/2	23	32	56	60	18	84
50	M50x1.5	G2	PG42	G2	NPT2	28	38	70	75	18	79
63S	M63x1.5	G2	PG48	G2	NPT2	36	46	75	84	20	85
63	M63x1.5	G21/2		G21/2	NPT21/2	42	52	80	90	20	93

MJd-B型防爆电缆密封接头规格表(锥螺纹)

MJd-B Explosion-proof cable glands Spec.Table(Tapered Thread)

规格 Size	螺纹规格d1 Available Entry Threads		末端螺纹接口d2 Endmost Pipe Connection Thread		电缆外径 Overall Cable Diameter		S max	D max	L1 Min	L
	NPT	R(BSPT)	G(BSPP)	NPT	Min	Max				
	20S	NPT1/2	R1/2	G1/2	NPT1/2	7				
20	NPT1/2	R1/2	G1/2	NPT1/2	9	12	27	30	15	66
25	NPT3/4	R3/4	G3/4	NPT3/4	11	18	36	40	15	68
32	NPT1	R1	G1	NPT1	14	22	41	45	18	76
40	NPT11/4	R11/4	G11/4	NPT11/4	18	27	50	55	19	83
50S	NPT11/2	R11/2	G11/2	NPT11/2	23	32	56	60	20	86
50	NPT2	R2	G2	NPT2	28	38	70	75	22	93
63S	NPT2	R2	G2	NPT2	36	46	75	84	20	85
63	NPT21/2	R21/2	G21/2	NPT21/2	42	52	80	90	20	93

注：表中尺寸单位为毫米 (mm)

Note: Unit is Millimeter in the Table.

KMJd系列防爆铠装电缆密封接头

KMJd series explosion-proof cable glands for armoured cables

结构特点 Features

- KMJd系列防爆电缆密封接头适用于各种类型的钢丝、钢带或钢丝编织的铠装电缆的连接和固定
- 对铠层单独夹持和接地，对电缆芯线部位进行防爆及外壳气体密封
- 芯部、铠层、护套三部份全部单独固定，具有安装方便，快捷等特点
- KMJd series explosion-proof cable gland is applicable for connecting and fixing various types steel wire, steel strips or steel braided armoured cable.
- It clamps and earthes separately to the armor layer and gives the part of cable cores to have explosion-proof and seal gas of the shell.
- The cable cores, the armor layer and the protective covering are all fixed separately with the features of easy and quick installation.

技术数据 Technical datas

- 危险区域: 1区, 2区, 21区, 22区
- 气体或蒸汽类别: II A, II B, II C
- 制造材料: 碳钢镀锌, 黄铜(镀镍), 不锈钢
- 执行标准: GB 3836.1, GB 3836.2, GB 3836.3, GB12476.1
- 防爆标志: Exd II C / Exe II / DIPA21 IP66
- 工作温度: -20℃ ~ 80℃
- 防护等级: IP66
- Hazardous Area: Zone 1, Zone 2, Zone 21, Zone 22
- Gas or Vapor Type: II A, II B, II C
- Material: Carbon Steel with Zinc-plating Surface, Brass or Brass with Nickel Plating Surface, Stainless Steel
- Executive Standard: GB 3836.1, GB 3836.2, GB 3836.3, GB12476.1
- Explosion-proof Mark: Exd II C / Exe II / DIPA21 IP66
- Working Temperature: -20℃ ~ 80℃
- Protection Grade: IP66

型号规格说明 Model designation



■ 结构型式 Structure Code:

KMJd防爆电缆密封接头结构型式有A型和B型两种, B型在A型的基础上增加末端螺纹接口,以便与其它管连接。

KMJd explosion-proof cable gland Structure Code: Type A and Type B, compared to Type A, Type B is added to the interface of endmost thread so as to connect with other pipes.

■ 格兰规格 Gland Spec.:

KMJd 防爆电缆密封接头规格代码: 16, 20S, 20, 25, 32, 40, 50S, 50

KMJd explosion-proof cable gland Spec. Code: 16, 20S, 20, 25, 32, 40, 50S, 50

■ 可用的进口螺纹规格 Inlet Thread Spec. Available:

标准配置米制螺纹M
Standard Metric Thread M

代码 Code	M
M16	M16x1.5
M20	M20x1.5
M25	M25x1.5
M32	M32x1.5
M40	M40x1.5
M50	M50x1.5

其它可选螺纹
Other Optional Thread

G螺纹 G Thread	NPT螺纹 NPT Thread
G1/2	NPT1/2
G3/4	NPT3/4
G1	NPT1
G1 1/4	NPT1 1/4
G1 1/2	NPT1 1/2
G2	NPT2

■ 铠装电缆的型式及代号 Armoured Cable Type & Code:

钢丝铠—W (Wire), 默认项可略, Standard Collocate, Omittable

编织铠—B (Braid),

钢带铠—T (Tape)

型号举例 Model Example

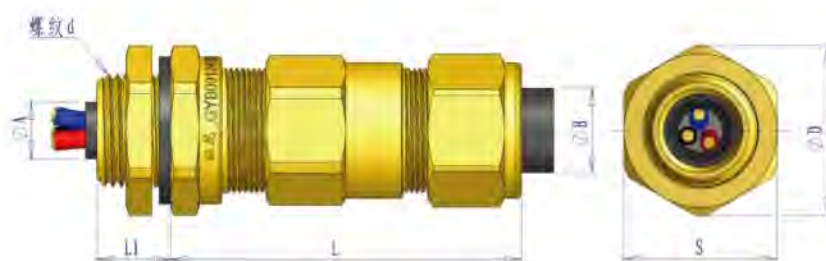
例1. KMJd-A-20S-M20-B 表示: KMJd-A型 20S规格 M20x1.5螺纹的防爆编织铠装电缆密封接头

例2. KMJd-A-25-N3/4 表示: KMJd-A型 25规格 NPT3/4螺纹的防爆钢丝铠装电缆密封接头

Example 1: KMJd-A-20S-M20-B denotes: Type KMJd-A Spec.20S Explosion-proof Braided Armoured Cable Gland Thread M20x1.5

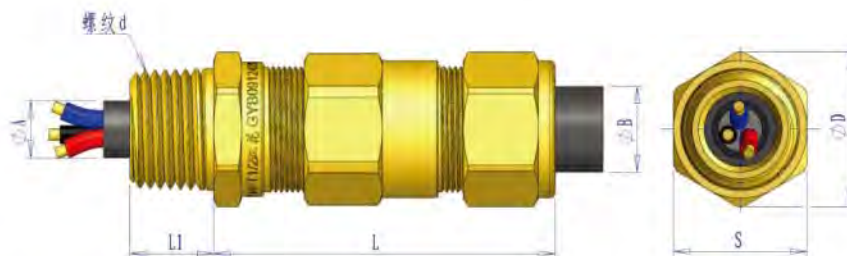
Example 2: KMJd-A-25-N3/4 denotes: Type KMJd-A Spec.25 Explosion-proof Steel Wire Armoured Cable Gland Thread NPT3/4

KMJd-A-□-M(G)



选型规格表—直螺纹M,G Order Information-Straight Thread M,G

规格 Size	螺纹规格d		内层电缆尺寸 "A"		电缆外径 "B"		铠层厚度 "t"			D max	L1 min	L Max
	Available Entry Threads		Cable Bedding Diameter		Overall Cable Diameter		Armour Range					
	M	G	Min	Max	Min	Max	钢丝(W) Min-max	编织(B) Min-Max	钢带(T) Min-Max			
16	M16x1.5	G1/2	4	8.5	8	13.5	0.9-1.25	0.2-0.4	0.3-0.6	24.5	11	64
	M20x1.5	G1/2								30	13	64
20S	M20x1.5	G1/2	7	11.5	10	16	0.9-1.25	0.2-0.4	0.3-0.6	30	15	64
20	M20x1.5	G1/2	10	14	15	21	0.9-1.25	0.2-0.4	0.3-0.6	33	15	72
25	M25x1.5	G3/4	13	19.5	18	26.5	1.25-1.60	0.2-0.4	0.3-0.6	41	15	81
32	M32X1.5	G1	19	26	24	33.5	1.6-2.0	0.3-0.5	0.3-0.6	50	15	94
40	M40x1.5	G11/4	24	32	30	40.5	1.6-2.0	0.3-0.5	0.5-1.0	60	15	107
50S	M50x1.5	G11/2	30	38	36	46	2.0-2.5	0.3-0.5	0.5-1.0	65	15	116
50	M50x1.5	G2	37	43.5	42	53.5	2.0-2.5	0.3-0.5	0.5-1.0	75	15	120

KMJd-A-□-N

选型规格表—NPT螺纹 Order Information-Thread NPT

规格 Size	螺纹规格d		内层电缆尺寸 "A"		电缆外径 "B"		铠层厚度 "t"			D max	L1 min	L Max
	Available Entry Threads		Cable Bedding Diameter		Overall Cable Diameter		Armour Range					
	NPT		Min	Max	Min	Max	钢丝铠(W) Min-max	编织铠(B) Min-Max	钢带铠(T) Min-Max			
16	NPT1/2		4	8.5	8	13.5	0.9-1.25	0.2-0.4	0.3-0.6	24.5	15	64
20S	NPT1/2		7	11.5	10	16	0.9-1.25	0.2-0.4	0.3-0.6	30	15	64
20	NPT1/2		10	14	15	21	0.9-1.25	0.2-0.4	0.3-0.6	33	15	73
	NPT3/4											
25	NPT3/4		13	19.5	18	26.5	1.25-1.60	0.2-0.4	0.3-0.6	41	15	85
	NPT1										18	
32	NPT1		19	26	24	33.5	1.6-2.0	0.3-0.5	0.3-0.6	50	19	96
40	NPT11/4		24	32	30	40.5	1.6-2.0	0.3-0.5	0.5-1.0	60	20	107
50S	NPT11/2		30	38	36	46	2.0-2.5	0.3-0.5	0.5-1.0	65	20	118
	NPT2						2.0-2.5	0.3-0.5	0.5-1.0		22	
50	NPT2		37	43.5	42	53.5	2.0-2.5	0.3-0.5	0.5-1.0	75	22	122

安装使用说明 Installation Instruction

由镇江市华阳机电制造有限公司生产的MJd-A/B、KMJd-A/B系列防爆电缆密封接头经国家级仪器仪表防爆安全监督检验站（NEPSI）检验，符合GB3836.1-2000、GB3836.2-2000、GB3836.3-2000和GB12476.1-2000标准的有关要求，其防爆标志为ExdIIC/ExeII/DIP A21 IP66,防爆合格证号为GYB091021X、GYB091242X。产品使用应遵循下列事项：

1. 产品使用环境温度：-20~+80°C。
2. 防爆合格证号后缀X代表产品有特定使用条件，即：产品仅适用在II类固定安装场所。
3. 用户不得自行更换产品的零部件。
4. 产品与其他部件构成隔爆接合面时，应确保啮合扣数不小于6扣。
5. 产品的安装、使用和维护应同时遵守产品使用说明书、GB3836.15-2000“爆炸性气体环境用电气设备 第15部分：危险场所电气安装（煤矿除外）”、GB50257-1996“电气装置安装工程爆炸和火灾危险环境电力装置施工及验收规范”、GB15577-1995“粉尘防爆安全规程”、GB3836.13-1997“爆炸性气体环境用电气设备 第13部分：爆炸性气体环境用电气设备的检修”和GB12476.2-2006“可燃性粉尘环境用电气设备 第1部分：用外壳和限制表面温度保护的电气设备 第2节：电气设备的选择、安装和维护”的有关规定。

MJd-A/B、KMJd-A/B Series Explosion-proof Cable Gland manufactured by Zhenjiang Huayang Electromechanical Manufacturing Co.Ltd. have been inspected and certified by NEPSI, and they conform to the related requirements from GB3836.1-2000、GB3836.2-2000、GB3836.3-2000 and GB12476.1-2000 Standard. Explosion -proof mark:

ExdIIC/ExeII/DIP A21 IP66,

Explosion Protection Certificate of Conformity No.: GYB091021X、GYB091242X. The use of the product should adhere to the following items:

1. Environmental Temperature : -20~+80°C.
2. The suffix of Anti-explosive Conformity Certificate No. "X" indicates that the product has special conditions, meaning that the product is only suitable to install on Type II fixed sites.
3. The users cant be allowed to change the spare parts of the product by themselves.
4. When the product constitutes flameproof joints with other components,it should ensure that the number of joggles to be not less than 6.
5. Installation,use and maintenance should follow to operating manual, GB3836.15-2000 "Explosive Gas Atmospheres Electrical Equipment, Section 15:electrical installation in hazardous sites (except coal mine)"; GB50257-1996 "Explosions of Electronic Apparatus Installation Constructions and Specifications of Construction and Acceptance Check of Fire Risk Environment Electronic Apparatus" ,GB15577-1995 "Dust Explosion Safety Rules"; GB3836.13-1997 "Explosive Gas Atmospheres Electrical Equipment" Section 13:"Inspection and Repair of Explosive Gas Atmospheres Electrical Equipment"; GB12476.2-2006 "Flammable Dust Atmosphere Electrical Equipment Section 1: Electrical Equipment for Using the Shell and Restricting Surface Temperature to Protect, Part 2: Electrical Equipment Selection and Installation and Maintenance " Relevant Regulations.

结构特点 Features

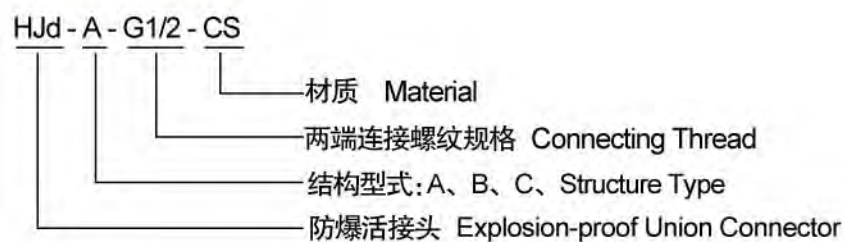
- 采用优质碳素钢或不锈钢制成，强度高；
- 连接螺纹规格可根据用户要求，如G螺纹、NPT螺纹、M米制螺纹及其它非标螺纹等；
- It is made of carbon steel adopting galvanized surface or stainless steel with high intensity.
- The connecting thread spec. can be specially made, such as thread G,thread NPT,metric thread etc.

技术数据 Technical datas

- 爆炸性气体环境: 1区, 2区,
- 气体或蒸汽类别: II A, II B, II C
- 执行标准: GB 3836.1, GB 3836.2
- 防爆标志: Exd II C
- Explosive Gas Atmospheres: Zone 1,Zone 2
- Gas or Vapor Type: II A、II B、II C
- Executive Standard: GB 3836.1, GB 3836.2
- Explosion-proof Mark: Exd II C



型号规格说明 Model designation



■ 结构型式 Structure Type:

A: 两端内螺纹，标配，可省略

B: 一端内螺纹，一端外螺纹，如两端螺纹规格不同，需详细标注，外螺纹加注“M”，内螺纹加注“F”；

C: 两端外螺纹

A: Inner thread at two sides,standard collocate,omittable;

B: Inner thread at one side, outer thread at another side,if the specifications of the two sides are different,it needs to note clearly,outer thread noting "M",inner thread noting "F".

C: Outer thread at two sides.

■ 螺纹规格 Thread Spec.:

螺纹规格可根据用户要求采用米螺纹M、管螺纹G、NPT螺纹及PG螺纹等，订货时应注明。

The thread spec. can be specially made, adopting metric thread, thread NPT and thread PG etc. It needs to be marked clearly when placing the order.

■ 制造材质 Manufacturing Material :

CS: 碳素钢，表面镀锌，如需其它处理需说明

S4: 304SS不锈钢

CS: Carbon steel with galvanized surface, if having other requirements, please state clearly.

S4: 304 stainless steel

■ 型号举例 (Model Example):

HJd-G1/2-CS 表示内螺纹防爆活接头G1/2, 碳钢镀锌

HJd-B-G1/2-S4 表示内外螺纹防爆活接头G1/2 M/F, 304SS材质

HJd-B-G1/2M-G3/4F-CS 表示内外螺纹防爆活接头，外螺纹G1/2，内螺纹G3/4, 碳钢镀锌

HJd-C-G1/2-CS 表示外螺纹防爆活接头G1/2, 碳钢镀锌

HJd-G1/2-CS denotes inner thread explosion-proof active connector G1/2, carbon steel with galvanized surface

HJd-B-G1/2-S4 denotes inner thread explosion-proof active connector G1/2 M/F, Material 304SS

HJd-B-G1/2M-G3/4F-CS denotes inner & outer thread explosion-proof active connector, outer thread G1/2, female Screw G3/4, carbon steel with galvanized surface

HJd-C-G1/2-CS denotes outer thread explosion-proof active connector G1/2, carbon steel with galvanized surface.

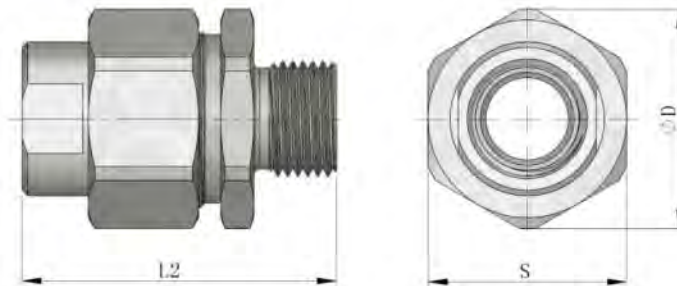
外型尺寸 Outline Dimension

HJd-A

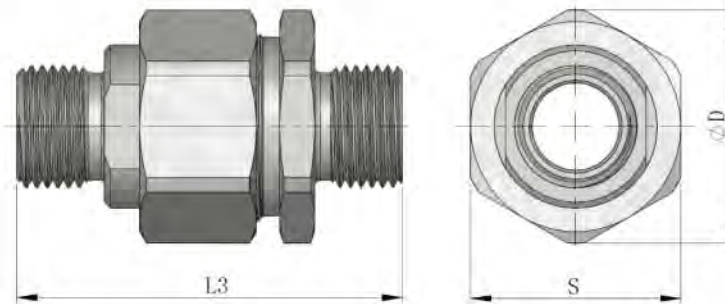


外型尺寸 Outline Dimension

HJd-B



HJd-C



序号 No.	规格 Spec.	G	L1	L2	L3	S	D
1	HJd-□-G1/2	1/2	42	57	66	36	40
2	HJd-□-G3/4	3/4	43	59	68	41	45
3	HJd-□-G1	1	46	66	76	50	55
4	HJd-□-G1 1/4	1 1/4	48	68	78	60	66
5	HJd-□-G1 1/2	1 1/2	52	73	83	65	73
6	HJd-□-G2	2	58	80	91	80	89
7	HJd-□-G2 1/2	2 1/2	58	80	91	95	109
8	HJd-□-G3	3	62	84	96	105	120
9	HJd-□-G4	4	62	86	98	130	145

结构特点 Features

- 采用优质碳素钢或不锈钢制成，强度高；
- 连接螺纹规格可根据用户要求，如G螺纹、NPT螺纹、M米制螺纹及其它非标螺纹等；
- It is made of carbon steel adopting galvanized surface or stainless steel with high intensity.
- The connecting thread can be specially made, such as thread G, thread NPT, metric thread etc.



技术数据 Technical datas

- 爆炸性气体环境: 1区, 2区,
- 气体或蒸汽类别: II A, II B, II C
- 执行标准: GB 3836.1-2000, GB 3836.2-2000
- 防爆标志: Exd II
- Explosive Gas Atmospheres: Zone 1, Zone 2
- Gas or Vapor Type: II A, II B, II C
- Executive Standard: GB 3836.1-2000, GB 3836.2-2000
- Explosion-proof Mark: Exd II

型号规格说明 Model designation



■ 结构型式 Structure Code:

- A: 转换接头 ($F \geq M$) Converted Connector ($F \geq M$)
- R: 变径套管 ($F < M$) Reducing Connector ($F < M$)
- F: 内螺纹直通 female screw Straight
- M: 外螺纹直通 Outer Thread Straight
- E: 内螺纹弯通 Female screw Bend
- T: 内螺纹三通 Female screw Tee
- P: 堵头 Plug
- LN: 锁母 Blocking Nut

■ 螺纹规格标注 Tread Spec. Notes:

螺纹规格可根据用户要求采用米制螺纹M、管螺纹G、NPT螺纹及PG螺纹等，订货时应注明；

异径需详细标注每一端螺纹，中间用“/”连接；

转换接头与变径套管的内外螺纹应分别标注，外螺纹加注“M”，内螺纹加注“F”

变径三通标注顺序：最大螺纹端/最大端相对端/支管端

Thread specification can adopt metric thread M、pipe thread G、thread NPT and thread PG according to the customers' requirements, it should note clearly when placing the order.

Reducer needs to mark thread at each end carefully, in the middle, to use "/" to connect.

Female and male screw of converted connector and reducing connector should be marked respectively, outer thread adding to note "M", "F" for female screw.

Reducing tee marks sequence: the largest thread end / max relative end / side end

■ 制造材质 Manufacturing:

C: 碳素钢，表面镀锌白或锌黄 carbon steel with white/yellow zinc surface

B: 黄铜或黄铜镀镍 brass or brass with nickel plating surface

S: 不锈钢 stainless steel

■ 型号举例 Model Example:

GJd-A-G1/2-C 表示转换接头G1/2M-G1/2F，碳钢镀锌；

GJd-R-G1M/G1/2F-B 表示变径套管G1/2M-G1/2F，黄铜材质；

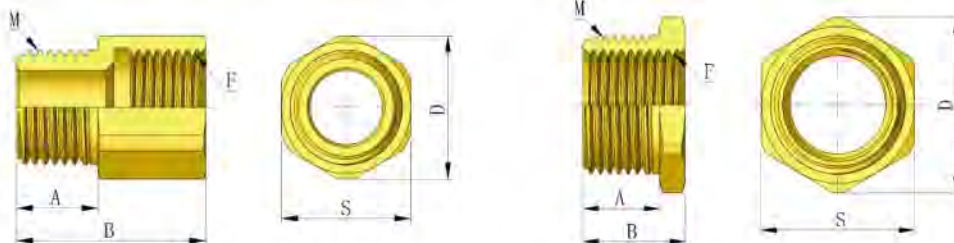
HJd-P-NPT1/2-S 表示堵头NPT1/2，不锈钢材质；

GJd-A-G1/2-C denotes the convertible connector G1/2M-G1/2F, carbon steel with zinc plating;

GJd-R-G1M/G1/2F-B denotes Female and Male Connector, brass material;

HJd-P-NPT1/2-S denotes plug NPT1/2, stainless steel material;

外型尺寸 Outline Dimension



GJd-A 转换接头

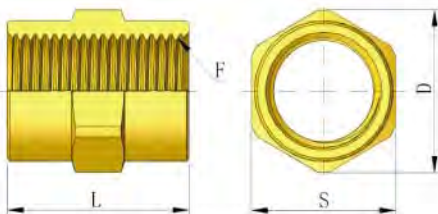
GJd-A Convertible Connector

GJd-R 变径套管

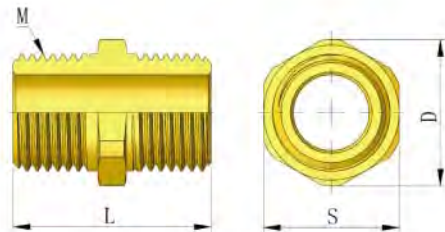
GJd-R Female and Male Connector

外螺纹尺寸 Male Thread Size		内螺纹尺寸 Female Thread Size												
		米制 Metric							NPT & G					
		M16	M20	M25	M32	M40	M50	M63	1/2"	3/4"	1"	1-1/4"	1-1/2"	2"
米制 Metric	M16													
	M20													
	M25					A						A		
	M32													
	M40		R								R			
	M50													
	M63													
NPT & G	1/2"													
	3/4"					A						A		
	1"													
	1-1/4"		R								R			
	1-1/2"													
	2"													

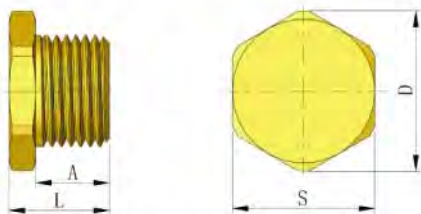
注: A R 米制M螺纹螺距为1.5 Metric Thread Pitch is 1.5.



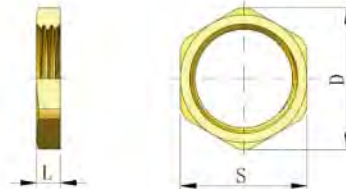
GJd-F 内螺纹接头
GJd-F Inner Thread Connector



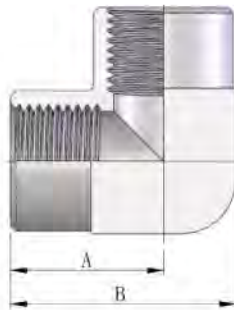
GJd-M 外螺纹接头
GJd-M Outer Thread Connector



GJd-P 防爆堵头
GJd-P Explosion-proof Plug

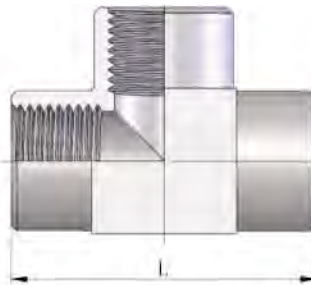


GJd-LN 锁紧螺母
GJd-LN Blocking Nut



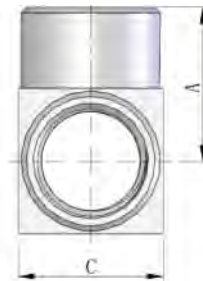
GJd-E 弯通接头

GJd-E Right-angle Connector



GJd-T 三通接头

GJd-T Tee Connector



型号 Model	外螺纹 (M) Male Thread
GJd-M GJd-P	M16
	M20
	M25
	M32
	M40
	M50
	M63
	G1/2"
	G3/4"
	G1"
	G1-1/4"
	G1-1/2"
	G2"
	NPT1/2"
	NPT3/4"
	NPT1"
	NPT1-1/4"
	NPT1-1/2"
	NPT2"

型号 Model	内螺纹 (F) Female Thread
GJd-F GJd-E GJd-T GJd-LN	M16
	M20
	M25
	M32
	M40
	M50
	M63
	G1/2"
	G3/4"
	G1"
	G1-1/4"
	G1-1/2"
	G2"
	NPT1/2"
	NPT3/4"
	NPT1"
	NPT1-1/4"
	NPT1-1/2"
	NPT2"

注：堵头可与锁紧螺母及橡胶垫配套使用，如需要成套，请注明。

Remarks: Plug can be equipped with blocking nut and rubber pad to use , if it needs the whole set, please note clearly.

华阳宗旨

为用户提供优质产品是“华阳”的宗旨：

“质量第一、用户至上”
最可靠的产品
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根据用户需要，实行售前服务，委派工程技术人员进行现场测量，并绘制正规的工程安装图纸，以及技术咨询、洽谈等工作。

在制造过程中，可邀请用户来公司进行质量监督；本公司做好一切准备工作，并积极配合；

产品交付后，公司根据用户要求可派工程技术人员到施工现场指导安装；

产品销售后，质保期限为壹年，在质保期内免费维修和更换。如有质量问题，公司在24小时内派员到达现场，边远地区48小时内到达。



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