

外壳安装尺寸 Housings Mounting Dimensions

开孔安装 Bulkhead Mounting												表面安装 Surface Mounting											
1 Locking levers												2 Locking levers											
Series	A	B	C	E	H	Part number						Part number											
						1 Locking levers			2 Locking levers			1 Locking levers			2 Locking levers								
D3A	28	40		28	23	D3A-BK-1L						30	40		57	27	M20	PG11	D3A-SF-1L				
D10A	70	81	17.5	29	26	D10A-BK-1L						48	75	40	50	52	M20	PG16	D10A-SF-1L				
D16A	86	96	17.5	29	26	D16A-BK-1L						64	80	40	50	57	M25	PG16	D16A-SF-1L				
D32A	92	102	42	56	28.5		D32A-BK-2L					94	106	46	57	82	M32	PG21		D32A-SF-2L			
D6B	70	80	32	43.5	28.5	D6B-BK-1L						70	82	40	52	57	M25	PG16	D6B-SF-1L				
												70	82	45	57	74	M32	PG21	D6B-SFH-1L				
D10B	83	93	32	43.5	28.5	D10B-BK-1L						82	94	40	52	54	M25	PG16	D10B-SF-1L	D10B-SF-2L			
												82	94	45	57	81	M32	PG21	D10B-SFH-1L	D10B-SFH-2L			
D16B	103	113	32	43.5	28.5	D16B-BK-1L						105	117	45	57	56	M25	PG21	D16B-SF-1L	D16B-SF-2L			
												105	117	45	57	81	M32	PG29	D16B-SFH-1L	D16B-SFH-2L			
D24B	130	140	32	43.5	28.5	D24B-BK-1L						132	144	45	57	56	M25	PG21	D24B-SF-1L	D24B-SF-2L			
												132	144	45	57	81	M25	PG21	D24B-SFH-1L	D24B-SFH-2L			
D32B	110	124	65	90	33	D32B-BK-1L						112	125	67	87	90	M40	PG36	D32B-SF-1L	D32B-SF-2L			
D48B	148	165	70	96	40	D48B-BK-1L						111	141	106	120	99	M40	PG36	D48B-SF-1L				

冷压针&工具 Crimp Contacts & Tool

(5A) Crimp contacts
 Material: Copper alloy
 Contact resistance: $\leq 3m\Omega$
 Matching: DM inserts
 Surface: Gold/silver plated
 Terminal: Crimp connection

Contacts, silver-plated		Contacts, gold plated		(A)	Wire gauge		Recommended stripping length
Male Contacts	Female Contacts	Male Contacts	Female Contacts		(mm ²)	(AWG)	
5A-SM-0.25	5A-SF-0.25	5A-GM-0.25	5A-GF-0.25	0.64	0.09-0.25	28-24	5mm
5A-SM-0.33	5A-SF-0.33	5A-GM-0.33	5A-GF-0.33	0.9	0.25-0.33	24-22	5mm
5A-SM-0.52	5A-SF-0.52	5A-GM-0.52	5A-GF-0.52	1.12	0.33-0.52	22-20	5mm

(10A) Crimp contacts
 Material: Copper alloy
 Contact resistance: $\leq 3m\Omega$
 Matching: DD,DDD,DM,DK,DQ inserts
 Surface: Gold/silver plated
 Terminal: Crimp connection

Contacts, silver-plated		Contacts, gold plated		(A)	Wire gauge		Recommended stripping length
Male Contacts	Female Contacts	Male Contacts	Female Contacts		(mm ²)	(AWG)	
10A-SM-0.37	10A-SF-0.37	10A-GM-0.37	10A-GF-0.37	0.9	0.14-0.37	26-22	8mm
10A-SM-0.5	10A-SF-0.5	10A-GM-0.5	10A-GF-0.5	1.1	0.50	20	8mm
10A-SM-0.75	10A-SF-0.75	10A-GM-0.75	10A-GF-0.75	1.3	0.75	18	8mm
10A-SM-1.0	10A-SF-1.0	10A-GM-1.0	10A-GF-1.0	1.45	1.00	18	8mm
10A-SM-1.5	10A-SF-1.5	10A-GM-1.5	10A-GF-1.5	1.75	1.50	16	8mm
10A-SM-2.5	10A-SF-2.5	10A-GM-2.5	10A-GF-2.5	2.25	2.50	14	6mm

(16A) Crimp contacts
 Material: Copper alloy
 Contact resistance: $\leq 1m\Omega$
 Matching: DA,DE,DEE,DM,DK inserts
 Surface: Gold/silver plated
 Terminal: Crimp connection

Contacts, silver-plated		Contacts, gold plated		(A)	Wire gauge		Recommended stripping length
Male Contacts	Female Contacts	Male Contacts	Female Contacts		(mm ²)	(AWG)	
16A-SM-0.37	16A-SF-0.37	16A-GM-0.37	16A-GF-0.37	0.9	0.14-0.37	26-22	7.5mm
16A-SM-0.5	16A-SF-0.5	16A-GM-0.5	16A-GF-0.5	1.1	0.50	20	7.5mm
16A-SM-0.75	16A-SF-0.75	16A-GM-0.75	16A-GF-0.75	1.3	0.75	18	7.5mm
16A-SM-1.0	16A-SF-1.0	16A-GM-1.0	16A-GF-1.0	1.45	1.00	18	7.5mm
16A-SM-1.5	16A-SF-1.5	16A-GM-1.5	16A-GF-1.5	1.75	1.50	16	7.5mm
16A-SM-2.5	16A-SF-2.5	16A-GM-2.5	16A-GF-2.5	2.25	2.50	14	7.5mm
16A-SM-4.0	16A-SF-4.0	16A-GM-4.0	16A-GF-4.0	2.85	4.00	12	7.5mm

(40A) Crimp contacts
 Material: Copper alloy
 Contact resistance: $\leq 0.3m\Omega$
 Matching: DM,DK inserts
 Surface: Gold/silver plated
 Terminal: Crimp connection

Contacts, silver-plated		Contacts, gold plated		(A)	Wire gauge		Recommended stripping length
Male Contacts	Female Contacts	Male Contacts	Female Contacts		(mm ²)	(AWG)	
40A-SM-1.5	40A-SF-1.5	40A-GM-1.5	40A-GF-1.5	1.75	1.50	16	9.0mm
40A-SM-2.5	40A-SF-2.5	40A-GM-2.5	40A-GF-2.5	2.25	2.50	14	9.0mm
40A-SM-4.0	40A-SF-4.0	40A-GM-4.0	40A-GF-4.0	2.85	4.0	12	9.5mm
40A-SM-6.0	40A-SF-6.0	40A-GM-6.0	40A-GF-6.0	3.50	6.0	10	9.5mm

Crimp contacts Tools

Crimping tool	Removal tool (10A)	Removal tool (16A)	Removal tool (40A)
Wire gauge: (TL1)0.14-4.0mm ²	Matching: DD,DDD,DM	Matching: DEE,DM	Matching: DM
Order NO: TL1-4.0	Order NO: RT-10A	Order NO: RT-16A	Order NO: RT-40A

电缆接头选型指南 Cable Connector Part Number Guidelines

适用于标准电缆的接头规格 Sutable for standard cable connector specifications

线径 Wire gauge	芯数 Number of pins	电缆直径范围φ Cable diameter range	M制	PG制
0.5mm ² AWG20	4	6.7-9.7	20	11,13.5
	6	7.6-10.6	20	11,13.5
	10	9.4-12.8	20,25	13.5,16
	16	10.7-13.9	20,25	16,21
	24	13.5-16.7	25	21
	35	16-18.6	25,32	21,29
40		16.6-19.2	25,32	21,29
	61	20.3-23.1	32	29

线径 Wire gauge	芯数 Number of pins	电缆直径范围φ Cable diameter range	M制	PG制
1.5mm ² AWG16	4	9.7-11.8	20	11,13.5
	6	10.8-14.2	20,25	13.5,16
	11	13.6-16.8	25	21
	16	15.8-18.4	25,32	21,29
	25	20.2-23	32	29
	32	23.8-24.5	32,40	29,36
42		25.8-29	40	36
	61	28.6-31.8	40,50	36,42

线径 Wire gauge	芯数 Number of pins	电缆直径范围φ Cable diameter range	M制	PG制
0.75mm ² AWG18	4	7.9-10.3	20	11,13.5
	6	8.9-12.3	20,25	13.5,16
	10	10.4-13.8	20,25	16,21
	18	13-16.2	25	21
	25	15.9-18.5	25,32	21,29
	32	17.1-19.7	25,32	21,29
40		19-21.4	32	29
	50	21.3-24.1	32	29
	61	22.6-25.4	32,40	29,36

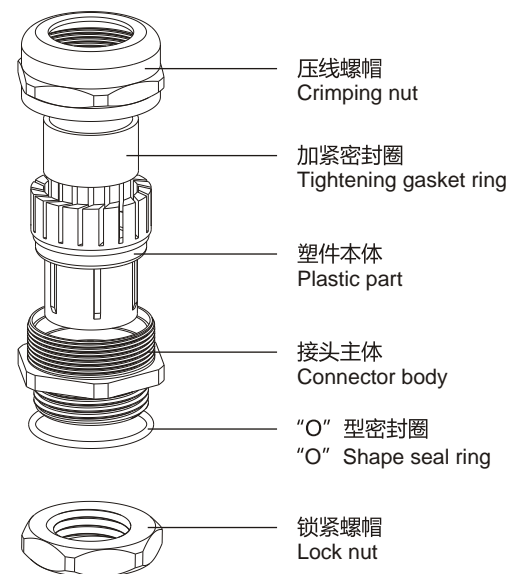
线径 Wire gauge	芯数 Number of pins	电缆直径范围φ Cable diameter range	M制	PG制
2.5mm ² AWG14	4	11.7-14.4	20,25	11,13.5
	6	13.6-16.7	25	13.5,16
	11	18-20.6	25,32	21
	16	20.6-23.4	32	21,29
	25	26.4-29.6	40	29
	34	31.3-33.1	50	29,36
50		37-39.4	50	36
	61	39-41.5	63	36,42

线径 Wire gauge	芯数 Number of pins	电缆直径范围φ Cable diameter range	M制	PG制
1.0mm ² AWG16-18	4	8.4-10.7	20	11,13.5
	6	9.2-12.6	20,25	13.5,16
	10	11-14.4	20,25	16,21
	16	13-16.2	25	21
	24	16.5-19.1	25,32	21,29
	34	19.4-21.8	32	29
48		22-24.8	32	29
	61	24.5-27.2	32,40	29,36

线径 Wire gauge	芯数 Number of pins	电缆直径范围φ Cable diameter range	M制	PG制
4.0mm ² AWG10-12	2	10.7-14.1	20,25	13.5,16
	4	13-16.4	25	21
	5	14.3-17.7	25,32	21,29
	7	16.2-19.6	25,32	21,29
	11	Approx.24.5	40	36

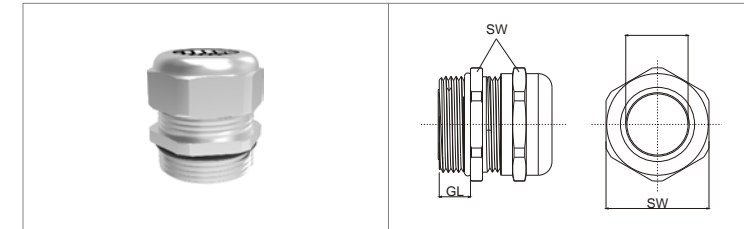
PG制螺纹与公制(M)螺纹对照表 Cross reference form PG thread to Metric thread

PG	Metric
PG 11	M20
PG 13.5	
PG 16	M25
PG 21	
PG 29	M32
PG 36	M40
PG 42	M50
PG 48	M63



电缆接头 Cable Glands

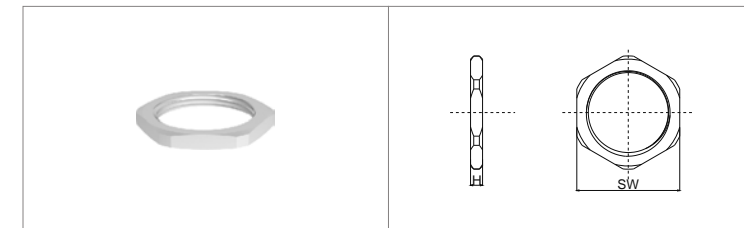
Metal cable gland
Material: Brass nickel plated
Seal material: NBR
Degree of protection: IP68
Press seal material: PA
Temperature range: -40~100°C



PG thread	Clamp range()	SW	GL	Type
PG7	3-6.5	14	6	DDL-PG7M
PG9	4-8	17	7	DDL-PG9M
PG11	5-10	20	8	DDL-PG11M
PG13.5	6-12	22	8	DDL-PG13.5M
PG16	8-14	24	8	DDL-PG16M
PG21	13-18	30	8	DDL-PG21M
PG29	18-25	40	9	DDL-PG29M
PG36	22-32	50	10	DDL-PG36M
PG42	31-38	58	10	DDL-PG42M
PG48	37-44	64	12	DDL-PG48M

Metric	Clamp range()	SW	GL	Type
M12x1.5	3-6.5	14	6	DDL-M12M
M16x1.5	5-10	18	7	DDL-M16M
M20x1.5	6-12	22	8	DDL-M20M
M25x1.5	13-18	30	8	DDL-M25M
M32x1.5	18-25	40	9	DDL-M32M
M40x1.5	22-32	50	10	DDL-M40M
M50x1.5	30-38	58	10	DDL-M50M
M63x1.5	37-44	68	12	DDL-M63M

Metal lock nut
Material: Brass nickel plated
Temperature range: -40~100°C



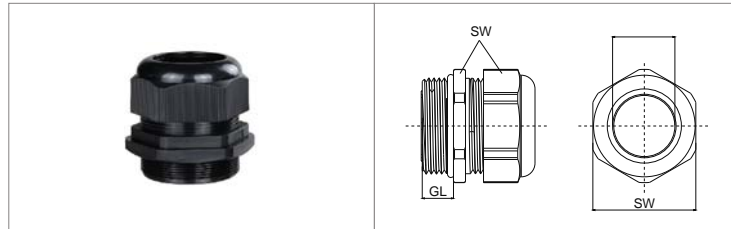
PG thread	Thickness(H)	SW	Type
PG7	2.5	14	DLM-PG7M
PG9	2.8	18	DLM-PG9M
PG11	3.0	20	DLM-PG11M
PG13.5	3.0	22	DLM-PG13.5M
PG16	3.0	24	DLM-PG16M
PG21	3.5	31	DLM-PG21M
PG29	4.0	40	DLM-PG29M
PG36	5.0	52	DLM-PG36M
PG42	5.0	58	DLM-PG42M
PG48	5.5	64	DLM-PG48M

Metric	Thickness(H)	SW	Type
M12x1.5	2.5	14	DLM-M12M
M16x1.5	2.8	18	DLM-M16M
M20x1.5	3.0	22	DLM-M20M
M25x1.5	3.0	27	DLM-M25M
M32x1.5	3.5	35	DLM-M32M
M40x1.5	4.5	43	DLM-M40M
M50x1.5	5.0	55	DLM-M50M
M63x1.5	5.5	68	DLM-M63M

电缆接头 Cable Glands

Plastics Cable gland

Material: Nylon
 Seal material: NBR
 Degree of protection: IP68
 Press seal material: PA
 Temperature range: -40~100°C



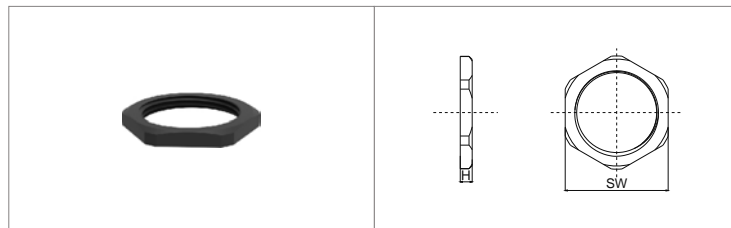
Unit:mm

PG thread	Clamp range()	SW	GL	Type
PG7	3-6.5	15	9.0	DDL-PG7P
PG9	4-8	19	9.0	DDL-PG9P
PG11	5-10	22	9.0	DDL-PG11P
PG13.5	6-12	24	9.0	DDL-PG13.5P
PG16	7-12	27	10	DDL-PG16P
PG21	13-18	33	12	DDL-PG21P
PG29	18-25	42	12	DDL-PG29P
PG36	22-32	52	16	DDL-PG36P
PG42	32-38	59	18	DDL-PG42P
PG48	37-44	64	15	DDL-PG48P

Metric	Clamp range()	SW	GL	Type
M12x1.5	3-6.5	15	9	DDL-M12P
M16x1.5	4-8	19	9	DDL-M16P
M20x1.5	6-12	24	9	DDL-M20P
M25x1.5	11-15	32	12	DDL-M25P
M32x1.5	16-21	35	12	DDL-M32P
M40x1.5	22-32	51	16	DDL-M40P
M50x1.5	32-38	60	18	DDL-M50P
M63x1.5	37-44	65	15	DDL-M63P

Plastics lock nut

Material: Nylon
 Temperature range: -40~100°C



Unit:mm

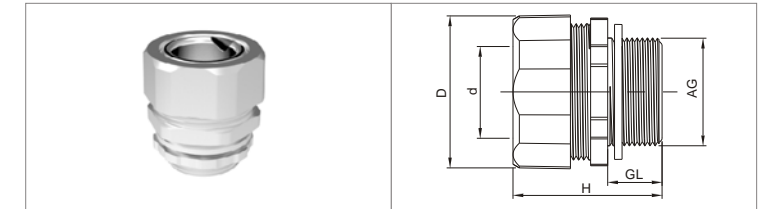
PG thread	Thickness(H)	SW	Type
PG7	4.5	18	DLM-PG7P
PG9	4.5	22	DLM-PG9P
PG11	5.0	24	DLM-PG11P
PG13.5	5.0	27	DLM-PG13.5P
PG16	5.5	30	DLM-PG16P
PG21	6.0	35	DLM-PG21P
PG29	7.0	45	DLM-PG29P
PG36	8.0	58	DLM-PG36P
PG42	8.0	65	DLM-PG42P
PG48	8.0	70	DLM-PG48P

Metric	Thickness(H)	SW	Type
M12x1.5	4.5	18	DLM-M12P
M16x1.5	5.0	22	DLM-M16P
M20x1.5	5.0	27	DLM-M20P
M25x1.5	5.2	33	DLM-M25P
M32x1.5	6.0	38	DLM-M32P
M40x1.5	8.0	52	DLM-M40P
M50x1.5	8.0	60	DLM-M50P
M63x1.5	8.0	73	DLM-M63P

电缆接头 Cable Glands

Outer thread tube connector

Material: Zinc alloy, Zinc plated or Chromium plated
 Specialty: one end is connector to flexible, the other thread end connected to switch chest or equipment, the structure is compact, the surface is a nitroren



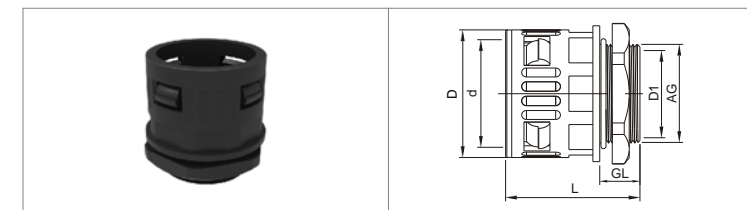
Unit:mm

PG thread	Fits tubing size(d)	GL	D	H	Type
PG9	10	8.5	26	30	DBL-PG9M
PG11	12	10.5	27.5	32	DBL-PG11M
PG13.5	15	11.5	31.5	34	DBL-PG13.5M
PG16	15	12.5	32	34	DBL-PG16M
PG21	20	13.5	38	37	DBL-PG21M
PG29	25	15	45.5	44	DBL-PG29MS
PG29	32	14	55	52	DBL-PG29M
PG36	38	17	62	51	DBL-PG36M
PG42	38	17	62	51	DBL-PG42M
PG48	51	19	77.5	56	DBL-PG48M

Metric	Fits tubing size(d)	GL	D	H	Type
M16x1.5	8	8	24	28	DBL-M16MS
M16x1.5	10	8	25.5	30	DBL-M16M
M20x1.5	12	10	27.5	32	DBL-M20M
M25x1.5	20	12	37.5	37	DBL-M25M
M32x1.5	20	12.5	37.5	37	DBL-M32MS
M32x1.5	25	15	46	41	DBL-M32M
M36x2.0	25	13	45	44	DBL-M36M
M40x1.5	32	15	55	47	DBL-M40M

Quick tube connector

Material: Nylon 6
 Temperature range: -40~120°C

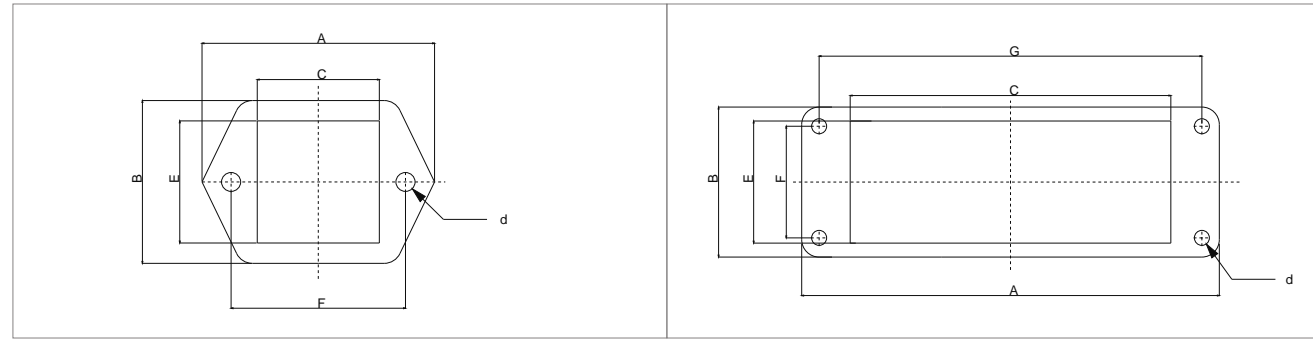


Unit:mm

PG thread	Fits tubing size(d)	GL	D1	D	H	Type
PG7	AD10.0	9.5	7.5	17.0	34.5	DCP-PG9P
PG9	AD13.0	9.5	11.5	20.0	34.5	DCP-PG9P
PG11	AD15.8	9.5	14.0	23.0	36.0	DCP-PG11P
PG13.5	AD18.5	11.0	16.0	26.0	39.0	DCP-PG13.5P
PG16	AD21.2	13.0	18.0	29.5	44.0	DCP-PG16P
PG21	AD28.5	13.0	23.5	37.0	47.0	DCP-PG21P
PG29	AD34.5	11.5	30.5	43.5	47.0	DCP-PG29P
PG36	AD42.5	13.5	40.0	51.0	52.0	DCP-PG36P

Metric	Fits tubing size(d)	GL	D1	D	H	Type
M12x1.5	AD10.0	10.0	8.0	17.0	34.5	DCP-M12P
M16x1.5	AD13.0	9.5	11.5	20.0	34.5	DCP-M16P
M18x1.5	AD15.8	9.5	14.0	23.0	36.0	DCP-M18P
M20x1.5	AD18.5	11.0	16.0	26.0	39.0	DCP-M20PS
M20x1.5	AD21.2	13.0	15.0	29.5	44.0	DCP-M20P
M25x1.5	AD21.2	13.0	18.0	29.5	44.5	DCP-M25PS
M25x1.5	AD28.5	13.0	20.5	37.0	47.0	DCP-M25P
M32x1.5	AD28.5	13.0	24.0	37.0	47.0	DCP-M32P
M40x1.5	AD34.5	11.0	30.0	43.5	48.0	DCP-M40PS
M40x1.5	AD42.5	13.5	33.5	51.0	52.0	DCP-M40P
M50x1.5	AD54.5	13.5	42.5	63.5	53.5	DCP-M50P
M63x1.5	AD54.5	14.0	55.0	63.5	53.5	DCP-M635P

外壳安装尺寸 Housings Mounting Dimensions



Housings type	Mounting type	Dimensions(mm)						
		A	B	C	E	F	G	d
D3A	Bulkhead	40	28	21	21	30	-	3.3
	Surface	40	28	-	-	30	-	3.3
D10A	Bulkhead	81	29.5	57.5	24	17.5	70	3.6
	Surface	80	50	-	-	40	48	4.5
D16A	Bulkhead	96	29.5	73.7	24	17.5	86	3.6
	Surface	96	50	-	-	40	64	4.5
D32A	Bulkhead	102	56	74.2	48.4	42	92	4.3
	Surface	106	57	-	-	46	94	5.5
D6B	Bulkhead	80	43	52.2	35	32	70	4.3
	Surface	82	52	-	-	40	70	5.5
D10B	Bulkhead	93	43	65.2	35	32	83	4.3
	Surface	94	52	-	-	40	82	5.5
D16B	Bulkhead	113	43	85.5	35	32	103	4.3
	Surface	117	57	-	-	45	105	5.5
D24B	Bulkhead	140	43	112.2	35	32	130	4.3
	Surface	144	57	-	-	45	132	5.5
D32B	Bulkhead	124	79	85.5	71	65	110	5.5
	Surface	124.5	81	-	-	67	112	5.5
D48B	Bulkhead	165	90	124	82	70	148	7
	Surface	132	120	-	-	106	111	6.5

应用领域

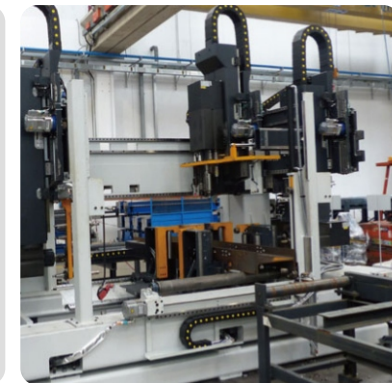
DEGSON 连接器广泛用于机器人、工业自动化、热流道模具、数控设备、纺织机械、轨道交通、电力行业、能源、风力发电等各种需要电气和信号连接的设备中；能够满足不同领域、不同场合的电气或信号的连接要求。

FIELD OF APPLICATION

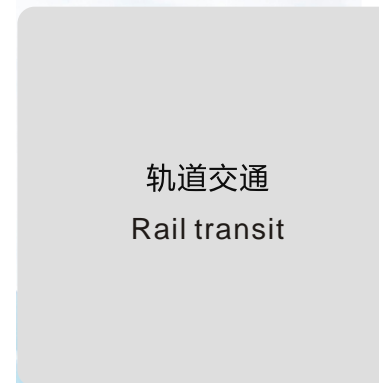
DEGSON connectors are widely used in hot runner mold, robot, industrial automation, CNC equipment, textile machinery, rail transit, electric power industry, energy, wind power generation and soon various equipments requiring electrical and signal connection; it can meet electrical or signal connection requirement of different fields and situations.



交通技术
Transportation technology



数控设备
CNC equipment



轨道交通
Rail transit



工业自动化
Industrial automation



机器人
Robot



能源
Energy



热流道模具
Hot runner mold



电力行业
Electric power

