

NJW and NRW Series Connectors

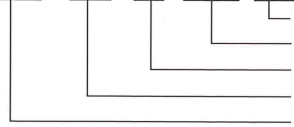
Feature

1. The 5-key system guide makes for smooth combination.
2. A one-touch lock mechanism is used in the combination system.[NRW]
3. This product has received standards certification.

Order Cording (形名構成)

(Refer to page 4)

NJW-20 7-P M □



Symbol representing the outer diameter of the cable used
 Type of shapes of connectors
 Number of contacts(2~37)
 Shell size (16・20・24・28・32)
 Series designation(NJW・NRW)

使用ケーブル外径を表す記号
 コネクタ形状
 コンタクト数
 シェルサイズ
 シリーズ名称

In case UL・CSA & TÜV certified product is specified
 (NJW) Example: NJW-202-PM8 (UL・CSA)
 (NRW) Example: NRW-202-PM8 (UL・CSA TÜV)

UL・CSA 認定品とTÜV認定品ご指定の場合
 例：NJW-202-PM8 (UL・CSA 品)
 例：NRW-202-PM8 (UL・CSA TÜV)

NJW

Please see page 19 for accessories(caps, L seat, etc)

アクセサリ(キャップ・L座等)は19ページを参照して下さい。

Plug	PF	S Type		*Number of contacts	A	□		B	
		Noted elsewhere							
	PF	NJW-16*-PF□		3, 5, 8	22	Noted elsewhere		58	
		NJW-20*-PF□		2, 3, 4, 5, 7, 10,12,14	26	Noted elsewhere		60	
		NJW-24*-PF□		2,3,4,5,10,14,16,21,24	30	Noted elsewhere		67	
		NJW-28*-PF□		16, 24, 31, 37	34	Noted elsewhere		72	
		NJW-32*-PF□		3, 4	44	Noted elsewhere		101	
	PM	G Type		*Number of contacts	A	□		B	
		NJW-16*-PM□		3, 5, 8	22	Noted elsewhere		58	
		NJW-20*-PM□		2, 3, 4, 5, 7, 10,12,14	26	Noted elsewhere		60	
		NJW-24*-PM□		2,3,4,5,10,14,16,21,24	30	Noted elsewhere		67	
		NJW-28*-PM□		16, 24, 31, 37	34	Noted elsewhere		72	
NJW-32*-PM□		3, 4	44	Noted elsewhere		101			
Receptacle	RM	S Type		*Number of contacts	A	B	D	E	
		Noted elsewhere							
		NJW-16*-RM		3, 5, 8	16	29.7	20	26	
		NJW-20*-RM		2, 3, 4, 5, 7, 10,12,14	20	29.6	23	29	
		NJW-24*-RM		2,3,4,5,10,14,16,21,24	24	30.5	26	32	
	NJW-28*-RM		16, 24, 31, 37	28	28.5	29	35		
	NJW-32*-RM		3, 4	32	39.1	36	45		
	RF	G Type		*Number of contacts	A	B	D	E	
		NJW-16*-RF		3, 5, 8	16	29.7	20	26	
		NJW-20*-RF		2, 3, 4, 5, 7, 10,12,14	20	29.6	23	29	
NJW-24*-RF		2,3,4,5,10,14,16,21,24	24	30.7	26	32			
NJW-28*-RF		16, 24, 31, 37	28	28.2	29	35			
NJW-32*-RF		3, 4	32	39.1	36	45			
Adapter(Jack)	AdM	S Type		*Number of contacts	A	□		B	
		Noted elsewhere							
		NJW-16*-AdM□		3, 5, 8	22	Noted elsewhere		58	
		NJW-20*-AdM□		2, 3, 4, 5, 7, 10,12,14	26	Noted elsewhere		60	
		NJW-24*-AdM□		2,3,4,5,10,14,16,21,24	29	Noted elsewhere		67	
	NJW-28*-AdM□		16, 24, 31, 37	34	Noted elsewhere		72		
	NJW-32*-AdM□		3, 4	44	Noted elsewhere		103		
	AdF	G Type		*Number of contacts	A	□		B	
		NJW-16*-AdF□		3, 5, 8	22	Noted elsewhere		58	
		NJW-20*-AdF□		2, 3, 4, 5, 7, 10,12,14	26	Noted elsewhere		60	
NJW-24*-AdF□		2,3,4,5,10,14,16,21,24	29	Noted elsewhere		67			
NJW-28*-AdF□		16, 24, 31, 37	34	Noted elsewhere		72			
NJW-32*-AdF□		3, 4	44	Noted elsewhere		103			
Adapter with flange(Panel Jack)	Ad(F)M	S Type		*Number of contacts	B	□		D	E
		Noted elsewhere							
		NJW-16*-Ad(F)M□		3, 5, 8	58	Noted elsewhere		20	26
		NJW-20*-Ad(F)M□		2, 3, 4, 5, 7, 10,12,14	62	Noted elsewhere		23	29
		NJW-24*-Ad(F)M□		2,3,4,5,10,14,16,21,24	67	Noted elsewhere		26	32
	NJW-28*-Ad(F)M□		16, 24, 31, 37	72	Noted elsewhere		29	35	
	NJW-32*-Ad(F)M□		3, 4	101	Noted elsewhere		36	45	
	Ad(F)F	G Type		*Number of contacts	B	□		D	E
		NJW-16*-Ad(F)F□		3, 5, 8	58	Noted elsewhere		20	26
		NJW-20*-Ad(F)F□		2, 3, 4, 5, 7,10,12,14	62	Noted elsewhere		23	29
NJW-24*-Ad(F)F□		2,3,4,5,10,14,16,21,24	67	Noted elsewhere		26	32		
NJW-28*-Ad(F)F□		16, 24, 31, 37	72	Noted elsewhere		29	35		
NJW-32*-Ad(F)F□		3, 4	101	Noted elsewhere		36	45		

●Material and Finish(NJW)

	Material (材質)	Finish (処理)
Shell (シェル)	Zinc alloy (亜鉛合金)	Specially chemical finish (特殊化学処理)
	Aluminum alloy (アルミ合金) [Shell size 28・32]	
Insulator(絶縁体)	Synthetic resin (合成樹脂)	
Contact (コンタクト)	Copper alloy (銅合金)	Silver plating (銀めっき)
		Gold plating (金めっき)※
Packing (パッキン)	Synthetic rubber (合成ゴム)	

●材質及び処理

●Material and Finish(NRW)

	Material (材質)	Finish (処理)
Shell (シェル)	Synthetic resin (合成樹脂)	
Insulator(絶縁体)	Synthetic resin (合成樹脂)	
Contact (コンタクト)	Copper alloy (銅合金)	Silver plating (銀めっき)
		Gold plating (金めっき)※
Packing (パッキン)	Synthetic rubber (合成ゴム)	

●材質及び処理

●Cable termination : Soldering

●結線方式 : はんだ付け

●Water resistance : Water pressure 40kPa 24hrs.

●防水性 : 水圧下 40kPa 24時間

□ Symbol representing the outer diameter of the cable used (使用ケーブル外径を表す記号)

Shell size	Symbol □	Outer diameter of cable	Shell size	Symbol □	Outer diameter of cable
16	★5	φ 4.0~φ 4.8	28	★10	φ 9.0~φ 10.9
	★7	φ 5.7~φ 6.8		★12	φ 11.0~φ 12.4
	★8	φ 6.9~φ 7.9		14	φ 12.5~φ 14.0
	9	φ 8.0~φ 9.4		16	φ 14.1~φ 16.0
	11	φ 9.5~φ 11.0		18	φ 16.1~φ 18.0
20	★6	φ 5.5~φ 6.3	32	★16	φ 11.5~φ 16.0
	8	φ 7.0~φ 8.5		★20	φ 15.5~φ 20.0
	10	φ 8.6~φ 10.5			
	12	φ 10.6~φ 12.5			
24	★8	φ 6.8~φ 8.0			
	11	φ 9.5~φ 11.0			
	13	φ 11.1~φ 13.0			
	15	φ 13.1~φ 15.0			

★UL, CSA Standard is not acquired (UL, CSA規格を取得しておりません)

●Operating temperature range (使用温度範囲)

Shell size	Number of contacts	Operating
16	3, 5	-25~+ 85°C
	8	-25~+ 60°C
20	2, 3, 4, 5, 7, 10, 12	-25~+ 85°C
	14	-25~+ 60°C
24	2, 3, 4, 5, 10, 14, 16	-25~+ 85°C
	21, 24	-25~+ 60°C
28	16, 24	-25~+ 85°C
	31, 37	-25~+ 60°C
32	3, 4	-25~+ 85°C

※Gold plating contact (金めっきコンタクト)

Shell size	Number of contacts
16	8
20	14
24	21, 24
28	31, 37

NRW Please see page 19 for accessories(caps, L seat, etc) アクセサリー(キャップ・L座等)は19ページを参照して下さい。

Plug

PF

S Type	*Number of contacts	A	□	B
NRW-20*-PF□	2, 3, 4, 5, 7, 10, 12, 14	28.5	Noted elsewhere	60
NRW-24*-PF□	2, 3, 4, 5, 10, 14, 16, 21, 24	34.1		75
NRW-28*-PF□	16, 24, 31, 37	40.7		82

PM

G Type	*Number of contacts	A	□	B
NRW-20*-PM□	2, 3, 4, 5, 7, 10, 12, 14	28.5	Noted elsewhere	60
NRW-24*-PM□	2, 3, 4, 5, 10, 14, 16, 21, 24	34.1		75
NRW-28*-PM□	16, 24, 31, 37	40.7		82

Receptacle

RM

S Type	*Number of contacts	A	B	D	E
NRW-20*-RM	2, 3, 4, 5, 7, 10, 12, 14	20	32	23	30
NRW-24*-RM	2, 3, 4, 5, 10, 14, 16, 21, 24	24	33	26	33
NRW-28*-RM	16, 24, 31, 37	28	30.8	29	36

RF

G Type	*Number of contacts	A	B	D	E
NRW-20*-RF	2, 3, 4, 5, 7, 10, 12, 14	20	32	23	30
NRW-24*-RF	2, 3, 4, 5, 10, 14, 16, 21, 24	24	33.2	26	33
NRW-28*-RF	16, 24, 31, 37	28	30.5	29	36

Adapter(Jack)

AdM

S Type	*Number of contacts	A	□	B
NRW-20*-AdM□	2, 3, 4, 5, 7, 10, 12, 14	26	Noted elsewhere	60
NRW-24*-AdM□	2, 3, 4, 5, 10, 14, 16, 21, 24	32.2		77
NRW-28*-AdM□	16, 24, 31, 37	37.1		83

AdF

G Type	*Number of contacts	A	□	B
NRW-20*-AdF□	2, 3, 4, 5, 7, 10, 12, 14	26	Noted elsewhere	60
NRW-24*-AdF□	2, 3, 4, 5, 10, 14, 16, 21, 24	32.2		77
NRW-28*-AdF□	16, 24, 31, 37	37.1		83