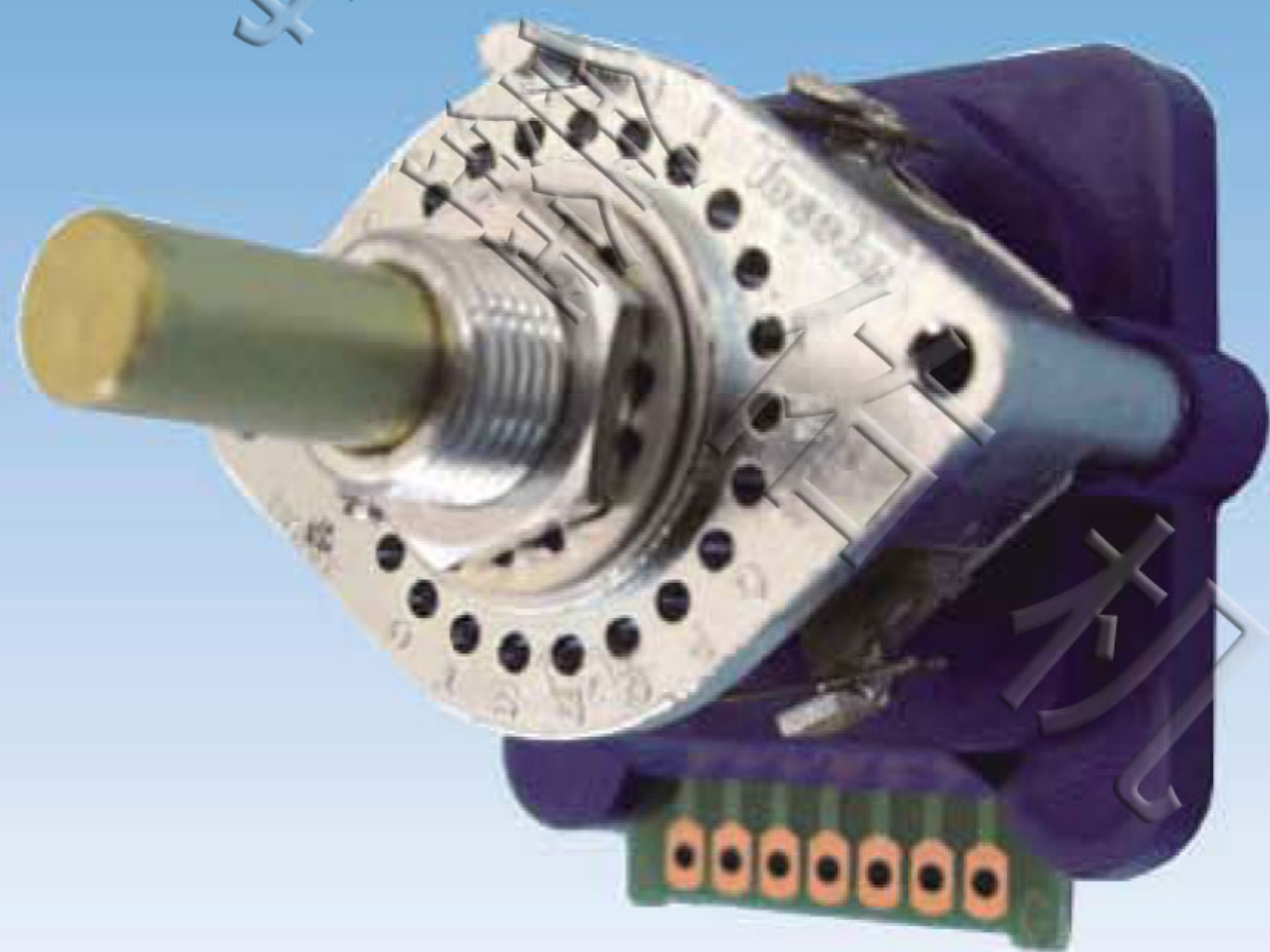


数字编码开关



DP 系列



DP系列，是市场领先的数字编码开关，为广泛应用于工业领域而设计。

特点

- 双层镀金滑动触点，可靠性高
- 环保：通过VA设计降低成本减少配件符合RoHS标准
- 步距角：13.85°，15°，20°，27.69°，30°
- 各类编码：真二进制，互补二进制，真灰色，互补灰色（抑制和/或校验电路包括在所有的安全编码中）。还可以使用特殊编码
- 可持续使用超过5万个使用寿命
- 防水型可供选用

技术规格

项目	额定值	
操作温度	-20℃~+70℃ (-4F~158F)	保持机身不冻结
储藏温度	-40℃~+70℃ (-40F~158F)	
转矩	0.1N~0.2N	
端子强度	3N	
面板螺母拧紧扭矩	2N•m	
制动力矩	3N•m	
振动耐久性	范围 10~55~10Hz/min	
	XYZ轴每个方向以1.5mm幅度振动2小时后， 没有发现故障	
接触电阻	≤ 100mΩ	

绝缘电阻		DC250V/1min以上	端子对端子	500MΩ ≤
		DC500V/1min以上	端子对地线	500MΩ ≤
耐压		AC250V/1min	端子对端子	
		AC1500V/1min	端子对地	
负载电阻	AC	5V 0.5A/ 48V 0.05A		
	DC	5V 0.25A/ 25V 0.05A		
耐久性	旋转	50000转以上		
	接触电阻	≤ 150mΩ		
	耐压	DC250V/50mΩ ≤ (1min以上)		

质保

- 运装之日起1年

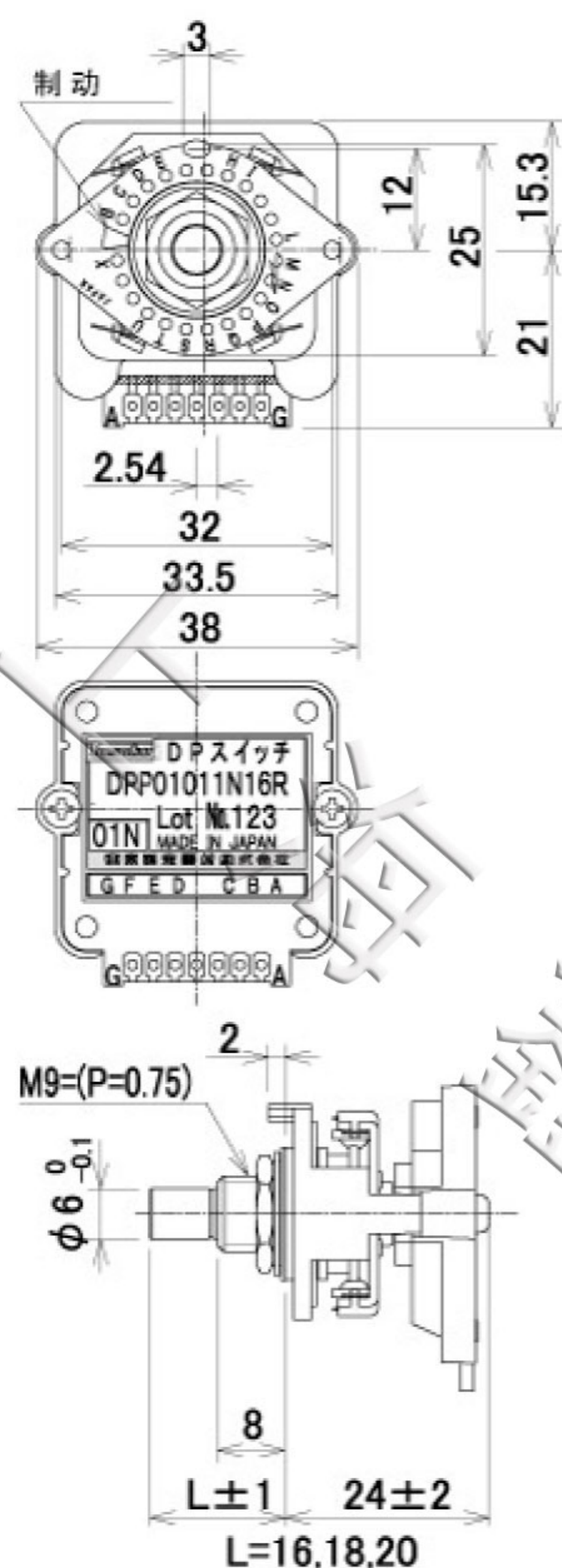
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订购时的型号确定

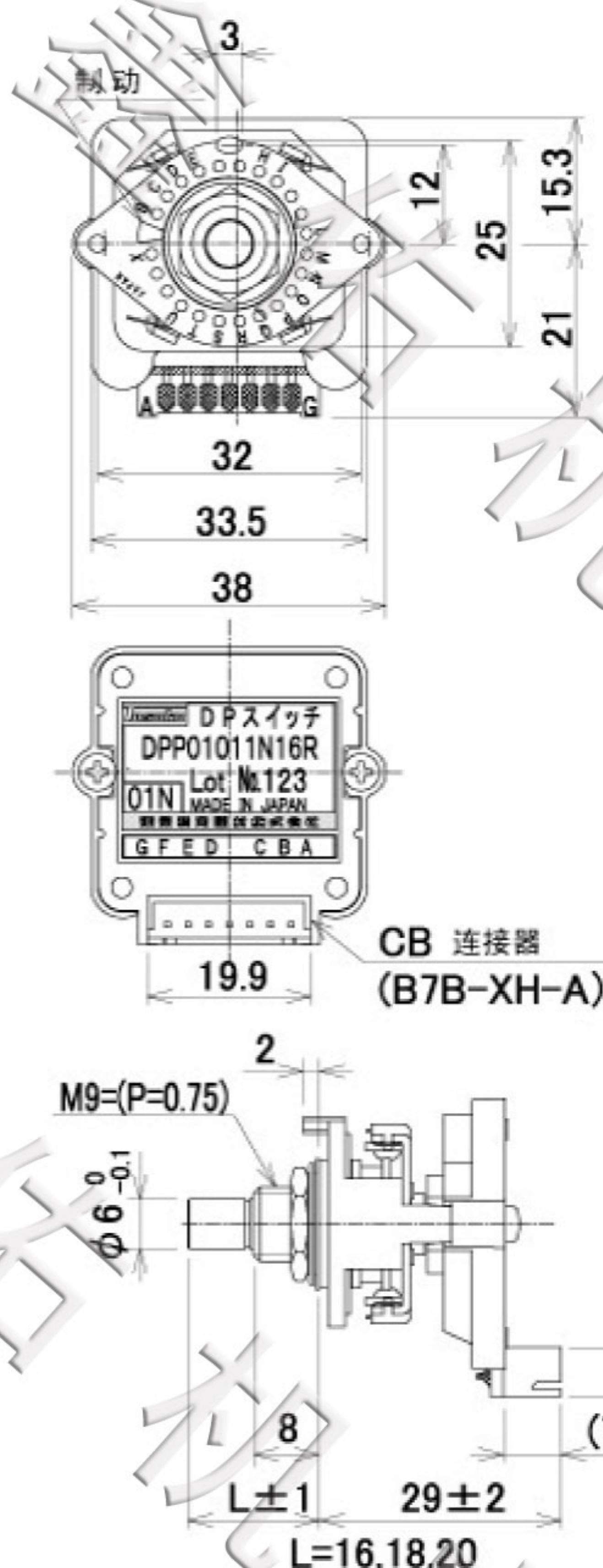
DP	P	01	0	20	J	20	R	CB
开关种类					步距角	轴长	轴形状	连接器
P: 轴套/防水 (前面板) N: 轴套/非防水					H 13.85° J 15° L 20° S 27.69° N 30°	16: 16mm 20: 20mm	R: 圆形	空白: 无连接器 CB: 连接器垂直连接至面板 CS: 连接器水平连接至面板
编码 No.			开始位置	结束停止位置				
01: 真二进制 02: 互补二进制 03: 真灰色 04: 互补灰色								

尺寸 (mm)

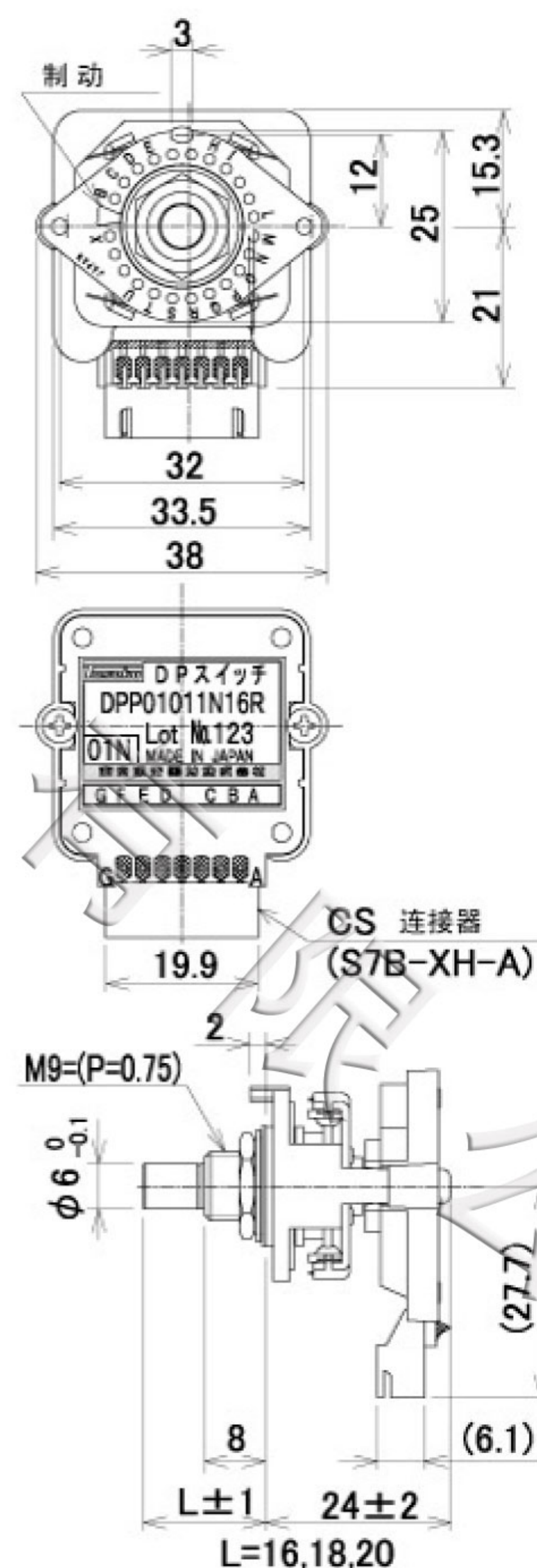
DPN/DPP



有CB连接器的DPN/DPP

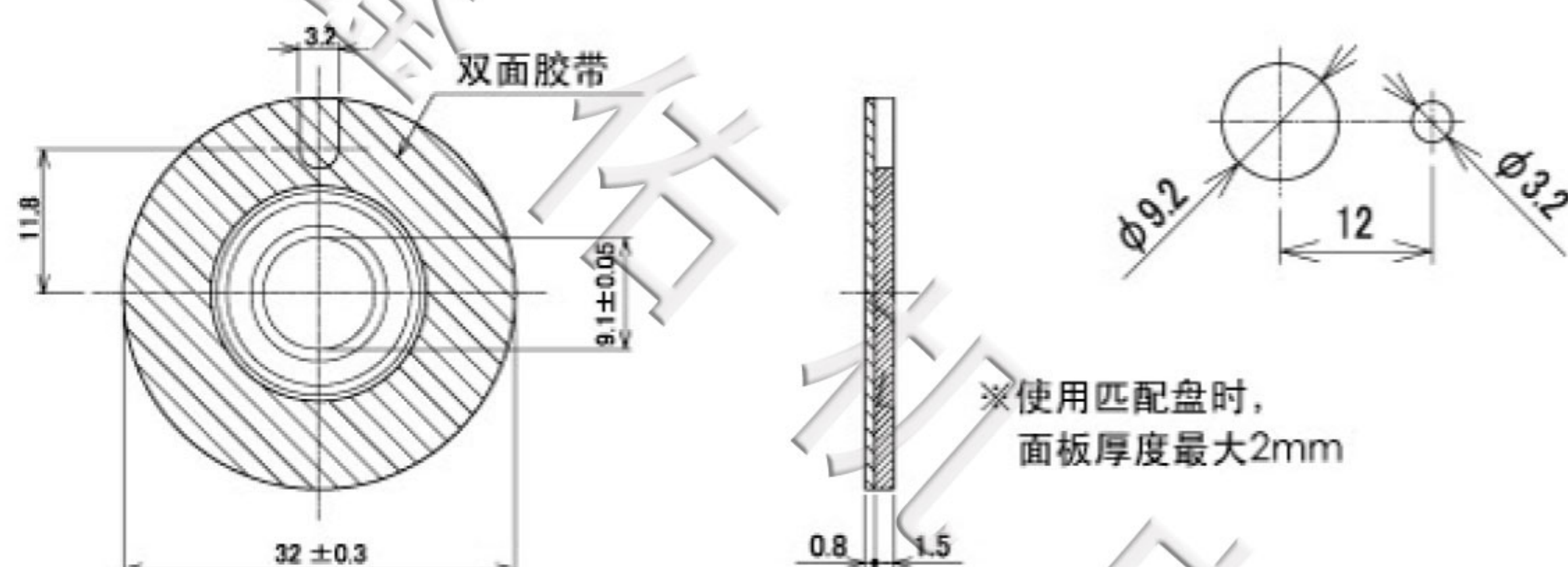


有CS连接器的DPN/DPP



DP附件

匹配盘 (防水型)



配线

P/N	L(cm)
A05	50
A15	150
A30	300



注意事项

●如何连接面板

1. 撕开双面胶带。
2. 将双面胶带贴至面板 (注意转换器方向)。
3. 使用M9螺母, 齿垫圈和垫圈, 将面板和转换器拧紧固定。
4. M9 螺母拧紧扭矩最大为 2N.m。
5. 在清洁环境下使用双面胶带

请注意

1. 面板厚度应为2mm之内 (使用转换器时)
2. 面板厚度应为4mm之内 (不使用转换器)。

●安装孔尺寸

1. 面板孔径φ9.2 (使用转换器)
2. 参照不使用转换器的左例

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Code and Truth Tables

1. Angle of throw(H):13.85° (26-position)

Code : 01 BCD Real Code(with inhibit)

Terminal No.	Code Output	Switch Position																									
		0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25
A	1		●		●		●		●		●		●		●		●		●		●		●		●		●
F	2			●	●			●	●			●	●			●	●			●	●			●	●		
B	4					●	●	●					●	●	●					●	●	●					
E	8									●	●	●	●	●	●											●	●
C	16																	●	●	●	●	●	●				
G	Inhibit	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●

Dot(●) indicates terminal to common(D) connection.

6. Angle of throw(L):20° (18-position)

Code : 03 Gray Real Code(with parity)

Terminal No.	Code Output	Switch Position																	
		0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17
A			●	●			●	●			●	●			●	●			●
F				●	●	●	●				●	●	●	●					
B						●	●	●	●	●	●	●							
E										●	●	●	●	●	●	●	●		
C																		●	●
G	Parity	●		●		●		●		●		●		●		●		●	●

Dot(●) indicates terminal to common(D) connection.

2. Angle of throw(H):13.85° (26-position)

Code : 03 Gray Real Code(with parity)

Terminal No.	Code Output	Switch Position																									
		0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25
A			●	●			●	●			●	●			●	●			●	●			●	●			●
F				●	●	●	●				●	●	●	●					●	●	●	●					
B					●	●	●	●	●	●	●	●										●	●	●	●	●	●
E										●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
C																		●	●	●	●	●	●	●	●	●	●
G	Parity	●		●		●		●		●		●		●		●		●		●		●		●		●	●

Dot(●) indicates terminal to common(D) connection.

7. Angle of throw(N):30° (12-position)

Code : 03 Gray Real Code(with parity)

Terminal No.	Code Output	Switch Position											
		0	1	2	3	4	5	6	7	8	9	10	11
A			●	●			●	●			●	●	
F				●	●	●	●				●	●	
B					●	●	●	●	●	●	●		
E										●	●	●	●
C	Parity	●		●		●		●		●		●	●

Dot(●) indicates terminal to common(D) connection.

3. Angle of throw(J):15° (24-position)

Code : 01 BCD Real Code(with inhibit)

Terminal No.	Code Output	Switch Position																							
		0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23
A	1		●		●		●		●		●		●		●		●		●		●		●		●
F	2			●	●			●	●			●	●			●	●			●	●			●	●
B	4					●	●	●	●				●	●	●	●						●	●	●	●
E	8									●	●	●	●	●	●	●	●								
C	16																	●	●	●	●	●	●	●	●
G	Inhibit	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●

Dot(●) indicates terminal to common(D) connection.

8. Angle of throw(N):30° (12-position)

Code : 01 BCD Real Code(with inhibit and parity)

Terminal No.	Code Output	Switch Position											
		0	1	2	3	4	5	6	7	8	9	10	11
A	1		●		●		●		●		●		●
F	2			●	●			●	●			●	●
B	4				●	●	●	●				●	●
E	8									●	●	●	●
C	Parity	●	●		●		●		●		●		●
G	Inhibit	●	●	●	●	●	●	●	●	●	●	●	●

Dot(●) indicates terminal to common(D) connection.

4. Angle of throw(J):15° (24-position)

Code : 03 Gray Real Code(with parity)

Terminal No.	Code Output	Switch Position																							
		0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23
A			●	●			●	●			●	●			●	●			●	●			●	●	
F				●	●	●	●					●	●	●	●					●	●	●	●		
B						●	●	●	●	●	●	●	●										●	●	●
E										●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
C																			●	●	●	●	●	●	●
G	Parity		●		●		●		●		●		●		●		●		●		●		●		●

Dot(●) indicates terminal to common(D) connection.

9. Angle of throw(S):27.69° (13-position)

Code : 01 BCD Real Code(with inhibit and parity)

Terminal No.	Code Output	Switch Position												
		0	1	2	3	4	5	6	7	8	9	10	11	12
A	1		●		●		●		●		●		●	
F	2			●	●			●	●			●	●	
B	4				●	●	●	●				●	●	
E	8									●	●	●	●	
C	Parity	●	●		●		●		●		●		●	●
G	Inhibit	●	●	●	●	●	●	●	●	●	●	●	●	●

Dot(●) indicates terminal to common(D) connection.

5. Angle of throw(L):20° (18-position)

Code : 01 BCD Real Code(with inhibit)

Terminal No.	Code Output	Switch Position															
		0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
A	1		●		●		●		●		●		●		●		●
F	2			●	●			●	●			●	●			●	●
B	4				●	●	●	●				●	●	●	●		
E	8									●	●	●	●	●	●	●	●
C	16																●
G	Inhibit	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●

Dot(●) indicates terminal to common(D) connection.

10. Angle of throw(S):27.69° (13-position)

Code : 03 Gray Real Code(with parity)

Terminal No.	Code Output	Switch Position												
		0	1	2	3	4	5	6	7	8	9	10	11	12
A			●	●			●	●			●	●		
F				●	●	●	●				●	●	●	
B					●	●	●	●	●	●	●			
E										●	●	●	●	
C	Parity	●	●		●		●		●		●		●	●

Dot(●) indicates terminal to common(D) connection.

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