



特點 Features

- 採用鍍金接點，工作可靠，防止錯誤信號
- 提供5種編碼：二進制碼/反二進制碼/灰碼/反灰碼/點對點
- 高强度機構設計，堅固耐用，2年保固
- 具有優異的耐油及防水性能
- 可選用焊接或連接器連接，方便布線
- 適用於各種操作面板之模式/軸向/倍率/速率/百分比等多段選擇
- Gold-plated contacts ,error-free INH and P output
- 5 coding Types: Binary/Complement Binary/Gray/Complement Gray/Point to Point
- High durable design, 2-year guarantee
- Excellent resistance to oil and waterproof properties
- Soldering or connector type can be selected for wiring convenience
- For use in multiple switching on CNC operating panels

訂購編號 ORDERING INFORMATION

XDP - 01 N - XX - CB

① ② ③ ④ ⑤

① 系列名稱 Series

系列名稱: **XDP** 型
Series: **XDP Type**

② 輸出碼 Output Code

00	點對點 Point to Point
01	二進制碼 Binary
02	反二進制碼 Complement Binary
03	灰碼 Gray
04	反灰碼 Complement Gray

③ 旋轉角度 Rotation Angle ④ 段位 Positions

代碼 Code	旋轉角度 Angle	段位 Positions
J	15°	0 ~ 23
N	30°	0 ~ 11
00N	30°	0 ~ 6

⑤ 接線方式 Wiring

空白 Blank	焊接型 Soldering Type
CB	連接器型 Connector Type

旋鈕訂購型號 Knob Ordering P/N

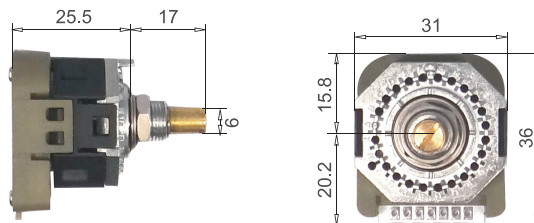
型號 P/N	描述 Description
XKB1	ø6長形黑色旋鈕 Black Long Knob
XKB3	ø6圓形灰色旋鈕 Gray Round Knob
XKB4	ø6 DMG式旋鈕 DMG Style Knob
XKB5	ø6西門子式旋鈕 Siemens Style Knob



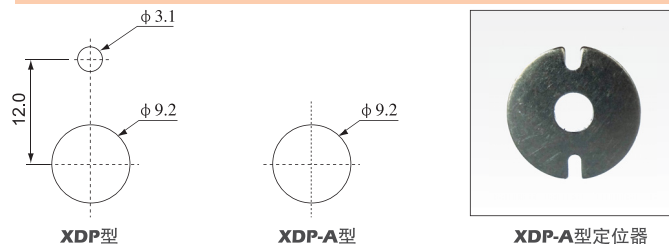
技術數據 Technical Data

項目 Item	數據 Values
額定電壓/電流 Rated Voltage/Current	AC 5V/0.5A 50V/0.05A
	DC 5V/0.25A 25V/0.05A
絕緣阻抗 Insulation Resistance	Terminal/Terminal $\geq 500M\Omega$ at 500VDC
	Terminal/Terminal $\geq 5000M\Omega$ at 500VDC
絕緣耐壓 Withstanding Voltage	Terminal/Terminal 250VAC/1Min.
	Terminal/Terminal 1500VAC/1Min.
工作溫度 Operating Temperature	°C -20 ~ +70
	°F -4 ~ +158
使用壽命 Service Life	Electrical 50,000 Operations
	Mechanical 50,000 Operations
旋轉扭矩 Rotation Torque	0.1 ~ 0.2N.m (1 ~ 2Kgf.cm)
螺母扭矩 Tightening Torque	2N.m (20Kgf.cm)
保護等級 Degree of Protection	IP65

外形尺寸圖 Dimension Drawing (mm)



面板開孔尺寸 Cutout Dimension (mm)



■ N型信號對照表 (12切换) N Type Signal Table (12 positions)

01N: 二進制碼/Binary output with INH output

Signal	Bit NO.	設定值 Setting Value											
		00	01	02	03	04	05	06	07	08	09	10	11
A	1		●		●		●		●		●		●
F	2			●		●		●		●		●	
B	4				●		●		●		●		●
E	8					●		●		●		●	
C	P		●		●		●		●		●		●
G	INH	●	●	●	●	●	●	●	●	●	●	●	●
D		COM											

03N: 格雷碼/Gray output with P output

Signal	Bit NO.	設定值 Setting Value											
		00	01	02	03	04	05	06	07	08	09	10	11
A	1		●		●		●		●		●		●
F	2			●		●		●		●		●	
B	4				●		●		●		●		●
E	8					●		●		●		●	
C	P		●		●		●		●		●		●
G		COM											
D		COM											

00N: 點對點/Point to Point

Signal	Bit NO.	設定值 Setting Value											
		00	01	02	03	04	05	06	07	08	09	10	11
A	1		●										
B	2			●									
C	3				●								
E	4					●							
F	5						●						
G	6							●					
D		COM											

■ J型信號對照表 (24切换) J Type Signal Table (24 positions)

01J: 二進制碼/Binary output with INH output

Signal	Bit NO.	設定值 Setting Value																							
		00	01	02	03	04	05	06	07	08	09	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	INH	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
D		COM																							

02J: 反二進制碼/Complement Binary output with INH output

Signal	Bit NO.	設定值 Setting Value																							
		00	01	02	03	04	05	06	07	08	09	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	INH	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
D		COM																							

03J: 格雷碼/Gray output with P output

Signal	Bit NO.	設定值 Setting Value																							
		00	01	02	03	04	05	06	07	08	09	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	P		●		●		●		●		●		●		●		●		●		●		●		●
D		COM																							

04J: 反格雷碼/Complement Gray output with P output

Signal	Bit NO.	設定值 Setting Value																							
		00	01	02	03	04	05	06	07	08	09	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	P	●		●		●		●		●		●		●		●		●		●		●		●	
D		COM																							

