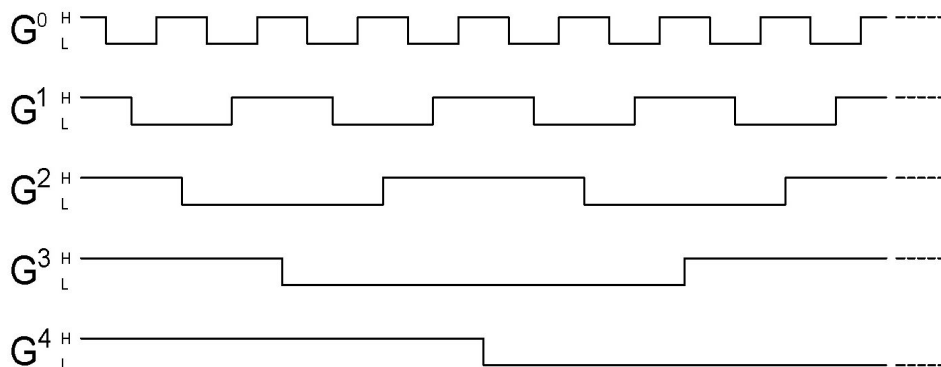


◀ ABSOLUTE ENCODER'S ELECTRICAL DATA ▶

絕對值型電氣特性

• Output Wave Form 輸出波形圖



• Circuit of Output Signal 電路輸出信號

Vdc = supply voltage

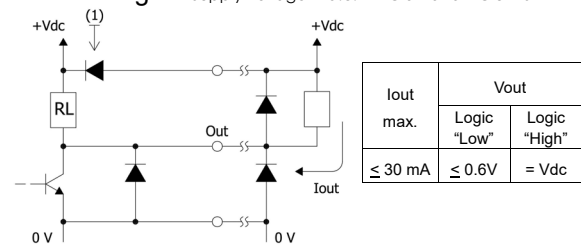
Vout = output Voltage

Iout = output current

RL = load resistance

* reverse polarity protection not available with 5Vdc supply voltage

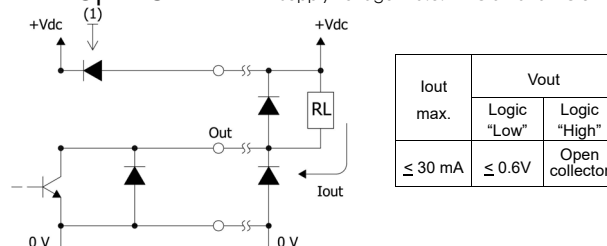
NPN Voltage Supply voltage V d.c. = DC 5V and DC 8~26V



5Vdc: RL = 2.2K ohms / 5-12Vdc: RL = 2.2K ohms / 8-26Vdc: RL=4K7 ohm

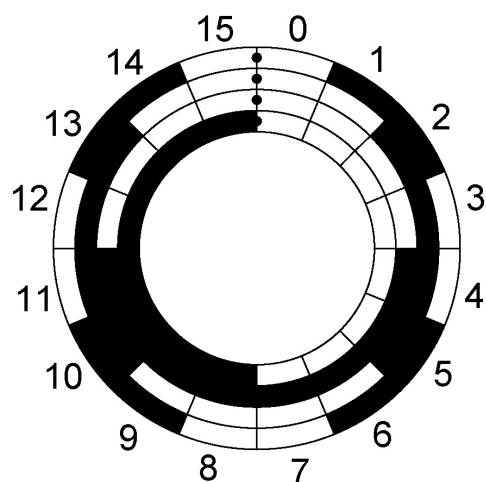
Max. Length of Cable 6 m at 50K Hz

NPN Open Collector Supply voltage V d.c. = DC 5V and DC 8~26V



• "Gray Code" Position

POSITION	GRAY							
	2 ⁸	2 ⁷	2 ⁶	2 ⁵	2 ⁴	2 ³	2 ²	2 ¹
0	0	0	0	0	0	0	0	0
1	0	0	0	0	0	0	0	1
2	0	0	0	0	0	0	0	1
3	0	0	0	0	0	0	0	1
4	0	0	0	0	0	0	1	1
5	0	0	0	0	0	0	1	1
6	0	0	0	0	0	0	1	0
7	0	0	0	0	0	0	1	0
8	0	0	0	0	0	1	1	0
9	0	0	0	0	0	1	1	0
10	0	0	0	0	0	1	1	1
11	0	0	0	0	0	1	1	1
12	0	0	0	0	0	1	0	1



◀ABSOLUTE ENCODER'S ELECTRICAL DATA▶

絕對值型電氣特性

• Electrical Connection 接線圖

A2 series

Wire Color (cable output)	Pin No. (connector output)	256
Red	—	+V
Black	—	0V
Blue	—	bit 1 (2^0)
Green	—	bit 2 (2^1)
Yellow	—	bit 3 (2^2)
Violet	—	bit 4 (2^3)
Orange	—	bit 5 (2^4)
Brown	—	bit 6 (2^5)
White	—	bit 7 (2^6)
Gray	—	bit 8 (2^7)
Shield	—	—

A1 series

Wire Color (cable output)	Pin No. (connector output)	16
Red	—	+V
Black	—	0V
Blue	—	bit 1 (2^0)
Green	—	bit 2 (2^1)
Yellow	—	bit 3 (2^2)
Violet	—	bit 4 (2^3)
Shield	—	—