

DMA-22(A)

Connection of Incremental encoder

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Revisions

Date	Revision	Description
23.11.2023	V 1.0	First draft

1 Recomended encoder Interface

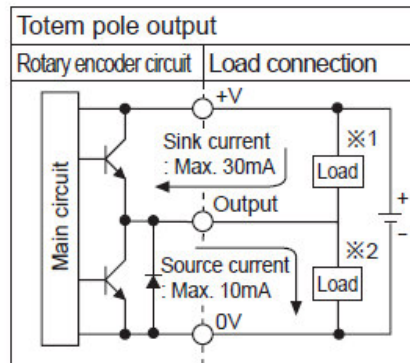


Figure 1 : Totem pole output

Output Waveform of the encoder

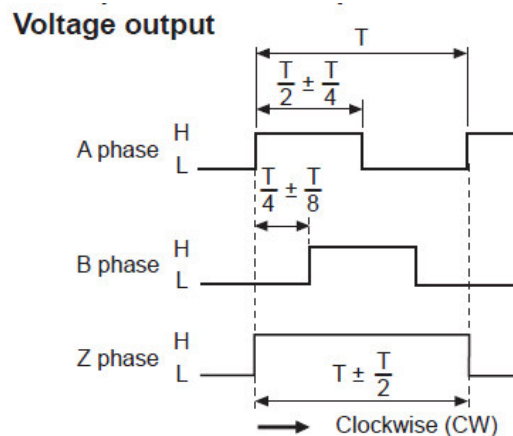


Figure 2 Signal waveform

2 Input signal level definition

Encoder output range	U _{in} Signal high	U _{in} Signal low	R _{in}
12 ... 24 VDC	> 9.2 V	< 2.6 V	~ 22 kOhm
5 VDC *)	> 3.0 V	< 1.5 V	~ 7 kOhm

*) Load current max. I_{inmax} = 5 mA, U_{inmax} = 15 V

Table 1: Totem pole level definition

3 Encoder output range12 Connection to DMA-22(A)

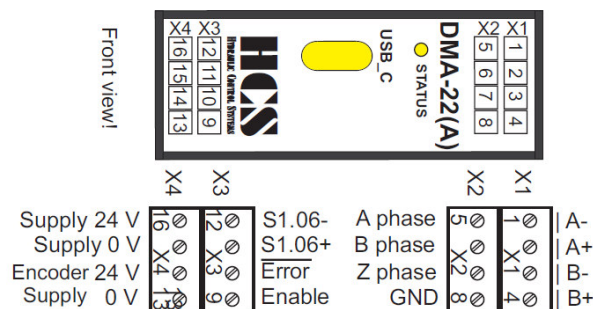


Figure Connection diagram label

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