



**ROTARY ENCODER**  
QY1503-CDZ

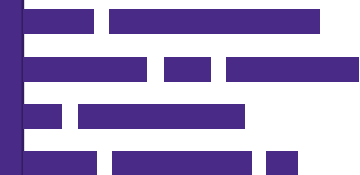
- 01** OUTSIDE: 15(Shaft 3) UNIVERSAL MOUNTING-FITS TO ALMOST ALL STANDARD MOUNTING
- 02** HIGH RELIABILITY AND PERFORMANCE
- 03** WIDE RANGE OF HIGH RESOLUTION MODELS
- 04** SUITABLE FOR GENERAL OR INDUSTRIAL APPLICATIONS

## CONNECTION

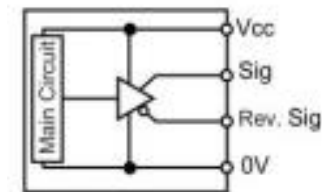
Signal	Pin1	Pin2	Pin3	Pin4	Pin5	Pin6
ABZ	Gnd	Vcc	A	B	Z	NC
LINE	Gnd	Vcc	A	B	A-	B-



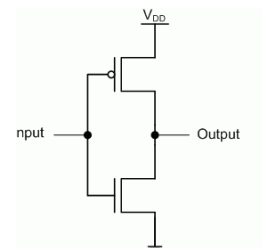
## CIRCUIT OF OUTPUT SIGNAL



LINE output



ABZ output

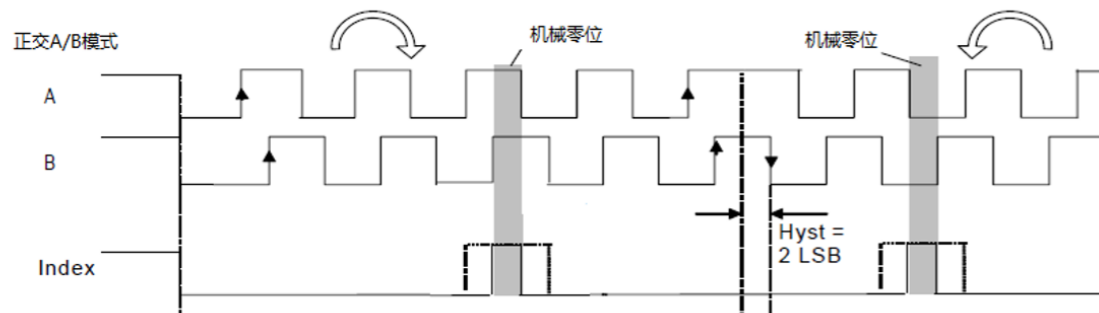


# SPECIFICATIONS

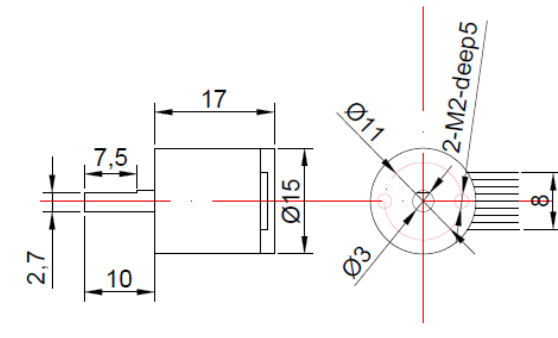
ELECTRICAL	Power Supply	DC3.3/5V
	Current Consumption	8mA max
	Output Capacity	4mA max
	Max. Applied Voltage	6V max
	Max. Freq. Response	1 MHz
	Resolution	64/ 256 /512/1024 / 4096
MECHANICAL	Max. Speed of Shaft	10000 rpm
	Max. Shaft Loading Radial	1N max.
	Max. Shaft Loading Axial	0.5N max.
ENVIRONMENTAL	Operating Temperature	-40 - +80 deg C
	Protection	IP64

## WAVEFORM

*These figures show the waveforms when the shaft is rotated.*



## DIMENSIONS



[www.accnt.store](http://www.accnt.store)