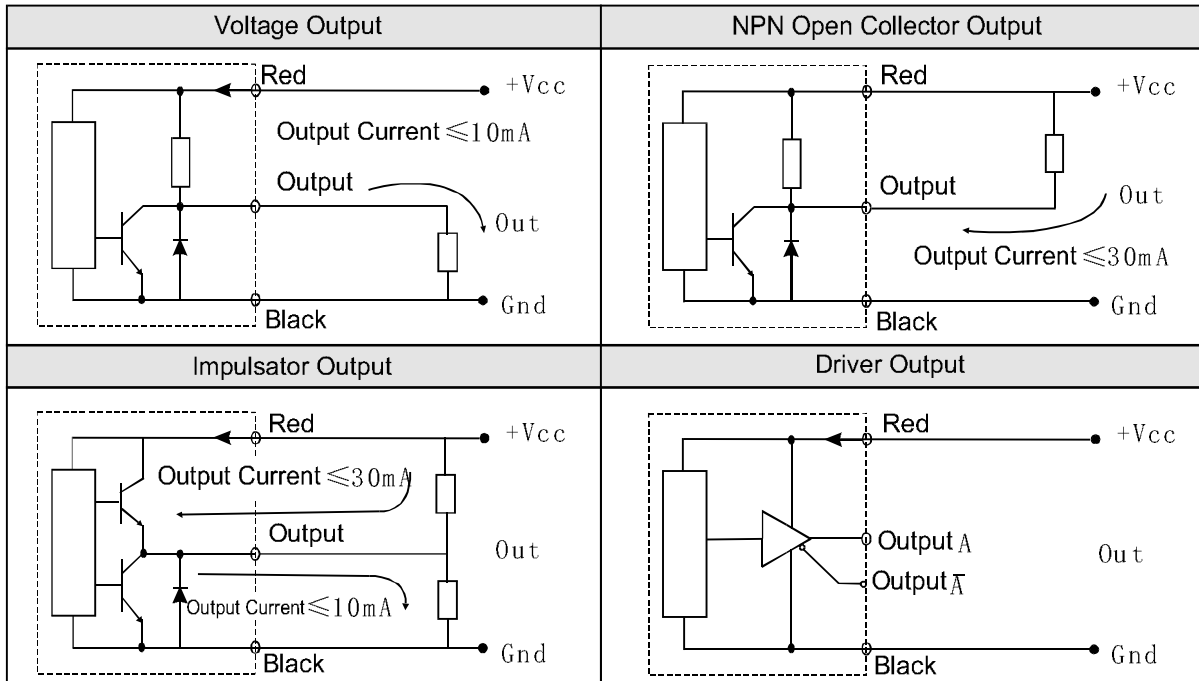
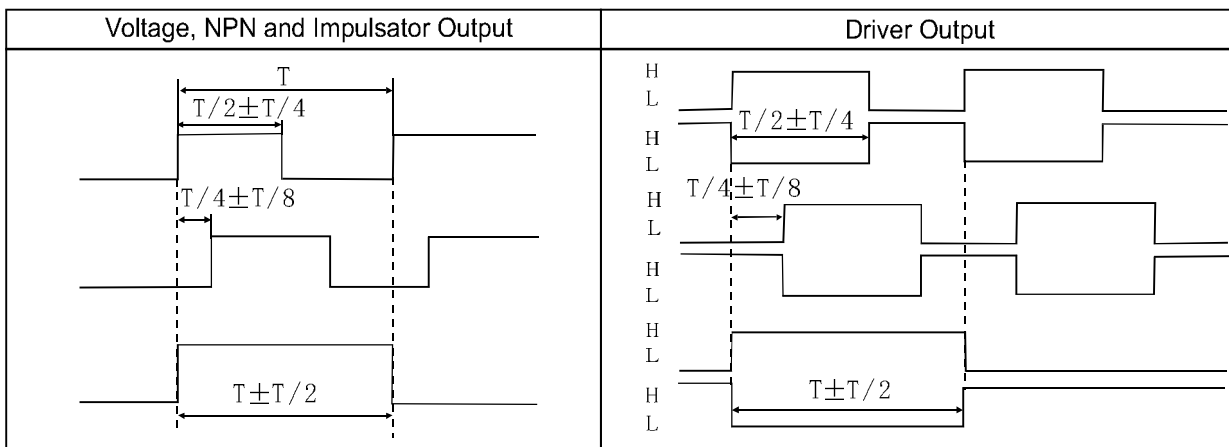


Output Circuit



Output Wave



Notice

- Rotary encoders are high precision devices, prohibited to knock or hit or hammer. Inappropriate or wrong installation can influence the capability and operating life of the rotary encoder.
- Rotary encoders should use flexibility coupling, nylon gear wheel or synchronous belt link turn as so to avoid damage to shafting and code tray caused by user axle jumping and bounding.
- Make sure the axle difference between rotary encoder axle and user axle must $< 0.2\text{mm}$, the angel between both axes must $< 1.5^\circ$.
- Make sure the rotary encoder axle load must not exceed the limited load specified.
- Make sure do not exceed the limited rotate speed specified; if exceed the specified rotate speed, the electrical signals might lose.
The limited rotate speed under normal operation of rotary encoder is:
 $N_{\text{max}} = (60F \times 102/L) \times r/\text{min}$ (F is the frequency response, L is the reticle number of raster)
- Make sure connect the wires according to the diagram given out in the product, wrong connection may cause damage to the internal circuit of the rotary encoder.
- Do not place the output wire and power cable together in one transmit tube, do not use the rotary encoder beside the wiring systems to avoid interference.

