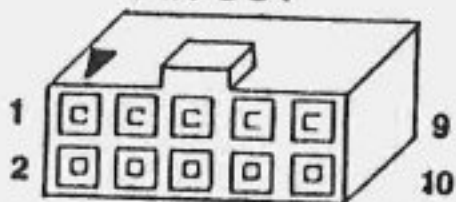


# Seagull Encoder

## PIN OUT



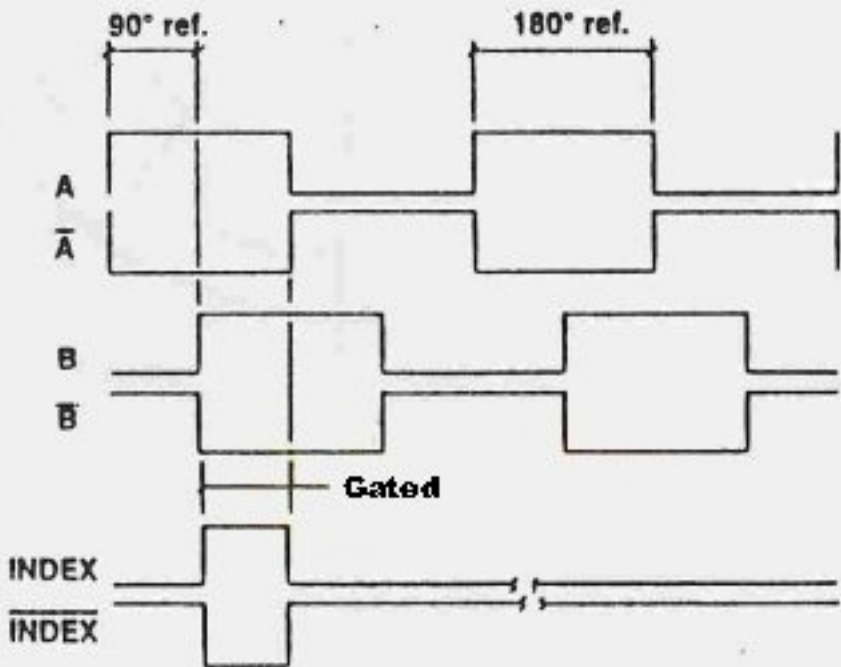
### Single-Ended

- 1 - Channel A
- 2 - +5V
- 3 - Ground
- 4 - NC
- 5 - NC
- 6 - NC
- 7 - NC
- 8 - Channel B
- 9 - NC
- 10 - Index

### Differential

- 1 - NC
- 2 - +5V
- 3 - Ground
- 4 - NC
- 5 -  $\overline{A}$
- 6 -  $\underline{A}$
- 7 - B
- 8 - B
- 9 -  $\overline{\text{Index}}$
- 10 - Index

# Encoder WAVE FORMS



MINIMUM EDGE SEPARATION ON ALL OUTPUTS 45°

**Ā, B̄, INDEX̄** ON MX 156 FORMAT ONLY

→ CCW ROTATION, ENCODER END →

PHASING AND SYMMETRY SHOWN IN ELECTRICAL DEGREES