- SUPPLY VOLTAGE: 6V TO 30V DC REGULATED
- SUPPLY CURRENT: 20mA MAX @ NO LOAD
- OUTPUT TYPE: PUSH/PULL, 5V
- OUTPUT SATURATION VOLTAGE HIGH: 0.6V MAX @ 30mA
- OUTPUT SATURATION VOLTAGE LOW: 0.4V MAX @ –30mA
- PROTECTION: REVERSE POLARITY AND OUTPUT SHORT CIRCUIT
- OPERATING FREQUENCY: 0Hz TO 15kHz
- AIR GAP: 0.100" (SEE NOTE 1)
- DUTY CYCLE: 50% ± 25% DEPENDENT ON TARGET GEOMETRY
- PHASE SHIFT: 90° ± 45° DEPENDENT ON TARGET GEOMETRY (SEE ALIGNMENT)
- ALIGNMENT: 12P (2M) SPUR GEAR CONTACT FACTORY FOR CUSTOM ALIGNMENT
- OPERATING TEMPERATURE: –40°C TO 125°C
- STORAGE TEMPERATURE: –40°C TO 125°C

NOTES:

1. AIR GAP IS DEPENDENT ON TARGET GEOMETRY AND OPERATING FREQUENCY.
   HIGHER OPERATING FREQUENCIES AND FINER PITCH GEARS MAY REQUIRE SMALLER
   AIR GAPS.