- SUPPLY VOLTAGE: 4.5V TO 30V DC REGULATED
- SUPPLY CURRENT: 10mA MAX @ NO LOAD, BOTH OUTPUTS HIGH
- OUTPUT TYPE: SUPPLY TRACKING, OPEN COLLECTOR
- OUTPUT LOGIC LOW (VoL): 0.6V MAX @ 25mA
- OUTPUT LOGIC HIGH (VoH): (Vs – 0.2V) X (RL / (2.2k + RL)) TYPICAL
- 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 AIR GAPS
   LESS THAN 0.100"