• SUPPLY VOLTAGE: 8V TO 30V DC REGULATED
• SUPPLY CURRENT: 15mA MAX @ NO LOAD, BOTH OUTPUTS HIGH
• OUTPUT TYPE: 5V, OPEN COLLECTOR
• OUTPUT LOGIC LOW (Vol): 0.5V MAX @ 5mA
• OUTPUT LOGIC HIGH (Voh): 5V ± 0.25V WITH NO LOAD
• 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.