PRODUCT DESCRIPTION

SPECTEC's 3/16" size magnetic pickups are part of a family of modular, rugged, and high performance "passive" type speed sensors ranging in size from 3/16" to 3/4" Dia. They feature high output voltage and great configuration diversity to meet a wide range of applications. This sensor is also available as a magnetic inductive pickup, per 0002MI, to detect magnet target wheels.

SPECIFICATIONS

Coil Resistance, 100 Ω, 8 mH, 6 Vpp
Inductance, (1000 IPS, 20-pitch gear at .005" gap,
Output Voltage: 100K Ohm load. Inductance and output voltage notations are maximum values)
Magnetization: 400 GAUSS, TYP.
Temperature Range:
3T: -150 to 330°F (-101 to 165°C)
5HT: -450 to 450°F (-268 to 232°C)
Pole Piece: Flush pole, .040 Dia.
Lead Wire: 30 AWG, TFE insulated
Construction: 303 Stainless steel housing
Solid epoxy encapsulation
Application: For gear pitch range of 48 DP or coarser
CE-Compliance: EN55011, EN50022-2

OPTIONS

For different length, material of construction, configuration, special pole-piece types, thread size, hemi-terically sealed, precision custom magnetization, connector and/or cable termination, please contact sales.

ORDER INFORMATION

0002    -    10-32 UNF
0002M   -    M5 x 0.5
0002S   -    3/16 DIA. SMOOTH SHELL

Thread
1 - 0.65" (17mm)
2 - 1.25" (32mm)
3 - 2.50" (64mm)

Temperature Range:
3 - -150° to 330°F (-101° to 165°C)
5 - -450° to 450°F (-268° to 232°C)