

SPECTEC

THUNDERBIRD INTERNATIONAL CORPORATION
 P.O. Box 360, Emigrant, MT 59027 USA
 (406) 333-4967 FAX: (406) 333-4259
 www.spectecensors.com

0002
 MAGNETIC VRS SPEED SENSOR
 LEAD WIRE TYPE
 3/16, M5

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 , 16 mH, 25 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, hermetically sealed, precision custom magnetization, connector and/or cable termination, please contact sales.

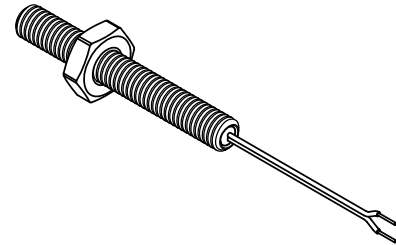
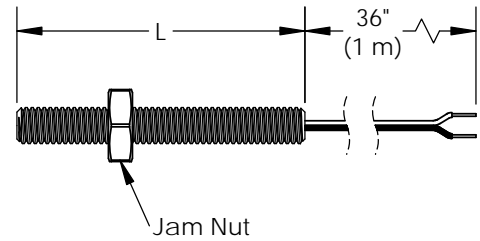
ORDER INFORMATION

0002 - 0 0 MAG. PICKUP, 10-32 UNF
 0002M - 0 0 MAG. PICKUP, M5 x 0.5
 0002S - 0 0 MAG. PICKUP, 3/16 DIA. SMOOTH SHELL

Thread | 1 - 0.65" (17mm)
 | A - 0.95" (24mm)
Length (L): | 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)

0002
 0002M 10-32 UNF
 M5 x 0.5



**CAUTION: DO NOT OVER TIGHTEN JAM NUT
 MAX. TORQUE IS 0.5 FT•LBS (0.67 N•m)**

0002S Smooth shell, .188 Dia. max.

