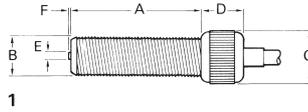


Magnetic Pick Off Pre-wired



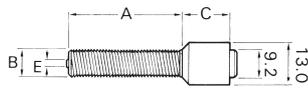
Dimensions in inches
 A - 1.125 B - 0.375 C - 0.562
 D - 0.375 E - 0.1 F - 0.015

A magnetic pick off sensor designed to monitor the speed of rotating parts such as gearbox control, rolling road applications. The sensor contains a small magnet and a wire coil. For example when a toothed gear passes the tip of the perception head, the resulting change in magnetic field induces a voltage in the coil. This voltage has frequency equivalent to the rotation speed (multiplied by the number of gear teeth) and amplified proportional to the rotation speed and perception gap. These sensors can resolve gear wheels down to a pitch of 2.5mm per tooth.

Voltage output max. 15
 Nominal coil resistance 350
 Min generation speed 50mm/sec to generate 100mV P-P
 Perception gap nom. 0.25mm
 Max frequency response 20kHz
 Connection 2m screened twin cable
 Temperature -10 to +85°C
 Body thread 3/8 x 24 TPI UNF-2A
 Body material Stainless steel

Stock No.	Manf Ref'	Type	Unit Price 1-4
8601001	1101/I	PRE-WIRED	26.94

Magnetic Pick Off Plug & Socket



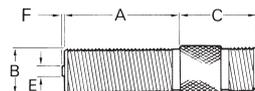
Dimensions 70D1201 in inches
 A - 1.375 B - 0.375 C - 0.675
 D - E - 0.1 F - 0.015

Two magnetic pick off sensors designed to monitor the speed of rotating parts such as gearbox control, rolling road applications. Available in a short or long bodied version. These socket type sensors are available for use with a LEMO plug.

Voltage output max. 15
 Nominal coil resistance 350
 Min generation speed 50mm/sec to generate 100mV P-P
 Perception gap nom. 0.25mm
 Max frequency response 20kHz
 Connection LEMO connector, ref No. RA 0302 NY
 Temperature -20 to +120°C
 Body thread 3/8 x 24 TPI UNF-2A
 Body material Stainless steel

Stock No.	Manf Ref'	Type	Unit Price 1-4
1011006	70D1201	SHORT BODIED	100.00
8601397	1206/I	LONG BODIED	100.00

Magnetic Pick Off Plug & Socket



Dimensions in inches
 A - 2.875 B - 0.625 C - 1.25
 D - E - 0.125 F - 0.015

A magnetic pick off sensor designed to monitor the speed of rotating parts such as gearbox control, rolling road applications. This socket type sensors are available for use with an AMPHENOL plug.

Voltage output max. 20
 Nominal coil resistance 340
 Min generation speed 30mm/sec to generate 100mV P-P
 Perception gap nom. 0.25mm
 Max frequency response 20kHz
 Connection AMPHENOL 172-610SL
 Temperature -20 to +120°C
 Body thread 5/8 x 18 TPI UNF-2A
 Body material Stainless steel

Stock No.	Manf. Ref'	Type	Unit Price 1-4
8601004	1302I	CONNECTOR	45.36

Magnetic Pick Off Plug & Socket



Magnetic pickoff sensors designed to replace Ranco 70D1701 and 70D1706 in bus gear box applications.

Stock No.	Manf. Ref'	Type	Unit Price 1-4
8601385	1701/I		87.75
8601391	1706/I		87.75