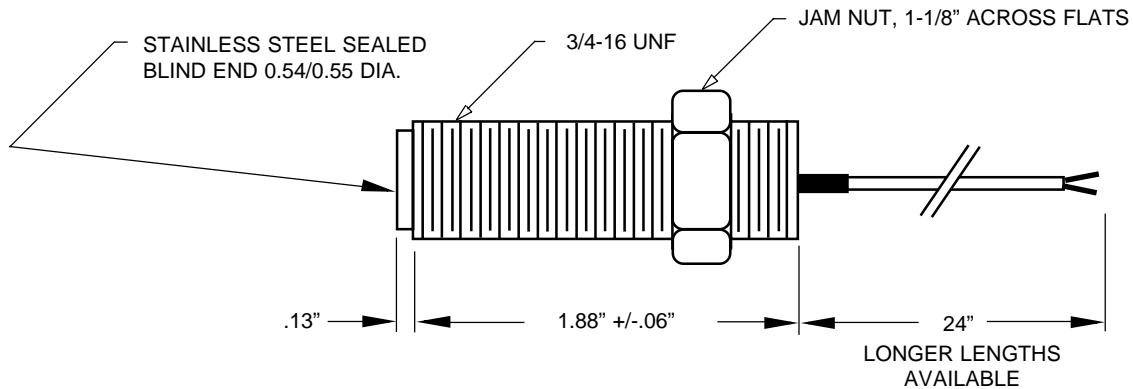


**ELECTRO-NUMERICS, INC.**  
42213 Sarah Way, Temecula, CA 92590  
www.ElectroNumerics.com

## MAGNETIC SENSOR

### Model *MS-08*

*Variable Reluctance Sensors for rugged environments. All stainless steel construction, sealed (blind) end, high temperature oil resistant epoxy encapsulation.*



### SPECIFICATIONS

<b>Electrical:</b>		<b>Mechanical-Environmental:</b>	
Output Voltage:	10V P-P measured with a 12 pitch gear @ 100 IPS, .028" probe-target gap.	Pole Piece Diameter:	3/16"
Coil Resistance	1300 ohm +/-10%	Operating Temperature:	-65°F to +300°F
Inductance:	370mH +/-10%	Humidity:	95%
Insulation Resistance:	100M-ohm (coil to case)	Vibration:	0.036 D.A. displacement, 5-75 Hz, 10 g peak, 75-4000 Hz
Polarity:	With approach of ferrous metal, the white wire is positive with respect to the black wire.	Electrical Connection:	Two 18 AWG wires (white & black) with white teflon jacket.
		Mounting:	3/4"-16 UNF-2A Threaded housing with locknut.
		Body Material:	303/304 Stainless steel, blind (sealed nose) end
		Encapsulation:	Epoxy resin: black color, 300°F temperature rating, resistant to gear oils and synthetic oils.

Tel: **800-854-8530** (U.S.A.) or **951-699-2437**

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