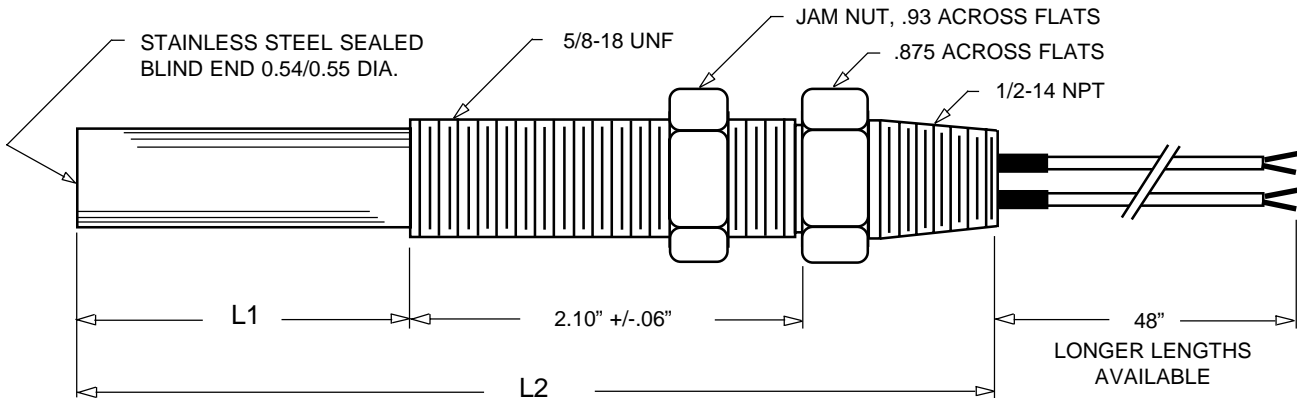




ELECTRO-NUMERICS, INC.
 42213 Sarah Way, Temecula, CA 92590
 www.ElectroNumerics.com

DUAL COIL MAGNETIC SENSORS

Variable Reluctance Sensors with redundant electrical outputs. All stainless steel construction, sealed (blind) end, high temperature oil resistant epoxy encapsulation. Choice of pole pieces and penetration depths.



ORDERING GUIDE

MODEL	L1 +/- .03"	L2 +/- .1"	POLE DIA.	PRICE (1-3)
DMS58213-2	0.40"	3.60"	1/8" (.125")	\$95.00
DMS58213-3	2.03"	5.20"	1/8" (.125")	\$110.00
DMS58213-4	3.97"	7.20"	1/8" (.125")	\$125.00
DMS58219-2	0.40"	3.60"	3/16" (.187")	\$95.00
DMS58219-3	2.03"	5.20"	3/16" (.187")	\$110.00
DMS58219-4	3.97"	7.20"	3/16" (.187")	\$125.00

SPECIFICATIONS

Electrical:		Operating Temperature:	-65°F to +300°F
Output Voltage:	1V (coil 1), 0.5V (coil 2) RMS measured with a 12 pitch gear @ 1kHz, .028" probe gap	Humidity:	95%
Coil Resistance	300/600 ohm +/-10%	Vibration:	0.036 D.A. displacement, 5-75 Hz, 10 g peak, 75-4000 Hz
Inductance:	40/80 mH +/-10%	Electrical Connection:	Two teflon jacketed cables, with two 18 AWG wires (white-black & white/red-black).
Insulation Resistance:	100M-ohm (coil to case)	Mounting:	5/8"-18 UNF-2A Threaded housing with locknut.
Polarity:	With approach of ferrous metal, the white wire (coil 1) or white/red wire (coil 2) is positive with respect to their paired black wire.	Body Material:	303/304 Stainless steel, blind (sealed nose) end.
Field Strength:	20 Gauss min. (at sensor tip)	Conduit Connection:	1/2"-14 NPT (male thread).
Mechanical-Environmental:		Encapsulation:	Epoxy resin: black color, 300°F temperature rating, resistant to gear oils and synthetic oils.
Pole Piece Diameter:	1/8" or 3/16"		

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

FAX: **951-695-7246** email: **sales@ElectroNumerics.com**