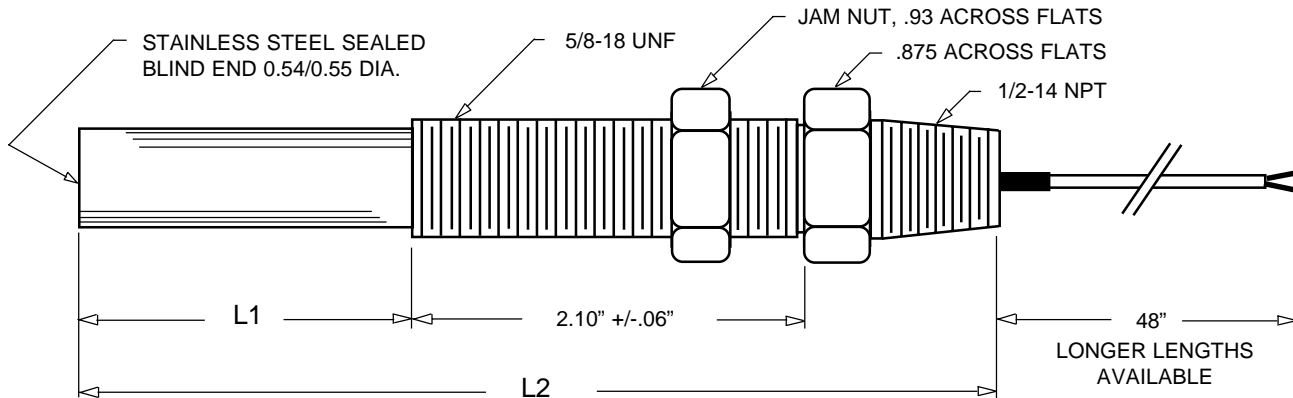




INTRINSICALLY SAFE MAGNETIC SENSORS

Variable Reluctance Sensors **for potentially explosive environments**. Rated for CSA Class 1, Division 1, Gas Group C, 149°C max. All stainless steel construction, sealed (blind) end, high temperature oil resistant epoxy encapsulation. Choice of pole piece diameters and penetration depths.



ORDERING GUIDE

MODEL	L1 +/- .03"	L2 +/- .1"	POLE DIA.	PRICE (1-3)
IMS58293-2	0.40"	3.60"	3/32" (.093")	\$125.00
IMS58293-3	2.03"	5.20"	3/32" (.093")	\$140.00
IMS58293-4	3.97"	7.20"	3/32" (.093")	\$155.00
IMS58213-2	0.40"	3.60"	1/8" (.125")	\$125.00
IMS58213-3	2.03"	5.20"	1/8" (.125")	\$140.00
IMS58213-4	3.97"	7.20"	1/8" (.125")	\$155.00
IMS58219-2	0.40"	3.60"	3/16" (.188")	\$125.00
IMS58219-3	2.03"	5.20"	3/16" (.188")	\$140.00
IMS58219-4	3.97"	7.20"	3/16" (.188")	\$155.00

SPECIFICATIONS

Electrical:		Operating Temperature: -65°F to +300°F
Output Voltage:	1V P-P measured with a 12 pitch gear @ 100 IPS, .028" probe-target gap	Humidity: 95%
Output Clamping:	+/-9.5V max.	Vibration: 0.036 D.A. displacement, 5-75 Hz, 10 g peak, 75-4000 Hz
Coil Resistance:	610 ohm +/-10%	Electrical Connection: Two 18 AWG wires (white & black) with blue teflon jacket.
Inductance:	33mH +/-10%	Mounting: 5/8"-18 UNF-2A Threaded housing with locknut.
Insulation Resistance:	100M-ohm (coil to case)	Body Material: 303/304 Stainless steel, blind (sealed nose) end
Polarity:	With approach of ferrous metal, the white wire is positive with respect to the black wire.	Conduit Connection: 1/2"-14 NPT (male thread)
Field Strength:	20 Gauss min. (at sensor tip)	Encapsulation: Epoxy resin: black color, 300°F temperature rating, resistant to gear oils and synthetic oils.
Mechanical-Environmental:		
Pole Piece Diameters:	3/32", 1/8" and 3/16"	

Tel: 800-854-8530(U.S.A.) or 909-699-2437

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