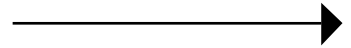


High Temperature Magnetic Pickups



High temperature pickups were designed to operate reliably in high temperature environments for long periods of time. These pickups can easily withstand repeated thermocycling and feature an operating temperature range of -450°F to 850°F and 1000°F intermittently.

Signal lead wires are protected by a flexible stainless steel braided sheath that can withstand exposure to 1000°F (542°C). Special materials and construction prevent damage from physical abuse and thermal shock. In addition, all High Temperature Magnetic Pickups are hermetically sealed.

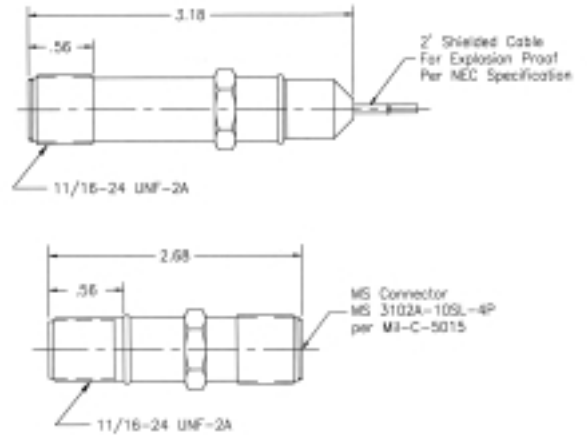
Configurations can be customized to satisfy specific requirements including gauss strengths, mounting threads, cable length, pickup housing shape/length, etc.



Standard Features and Specifications

- Variable reluctance or inductive type
- 300 stainless steel housing (locknut included)
- 2 pin, gold plated, glass sealed connector
(mate:MS3106-10SL-4P)
- Temperature range -450°F to 850°F (-270°C to 458°C)
- 2 Foot stainless steel overbraided lead
- Hermetically sealed, heli-arc welded construction
- Unique potting that compensates for temperature extremes
- Magnet that resists demagnetization
- High signal output
- IR leakage: 50 megaohms @ 50 Vdc minimum
- Shock and vibration resistant
(impact: 25 G's min.; vibration: 2 G's at 2000 Hz min.)

Dimensions:



Ordering Information

	Model No.	Resistance (Ohm)	Inductance (Henry)	Gauss Strength
Standard Drag	PC28-13G	120	.1	1050
Low Drag	PC28-14G	180	.25	200
Inductive	PC23-16G	250	1.2	N/A

In addition to the above-specified pickups, Flowmetrics can make these pickups in other lengths, configurations, mounting thread as well as with options like pigtail lead, NPT thread for explosion proof applications, etc.