

## Premium Magnetic Pickups

These pickups are suited for harsh environments and years of reliable service. They are hermetically sealed for resistance to moisture and other atmospheric contamination and can withstand repeated thermocycling in temperatures ranging from -450°F to 450°F. These pickups are also being used in cryogenics for their ability to operate dependably at extremely low temperatures for long periods of time. Features like glass sealed connectors, unique internal potting, and high quality magnets that resist demagnetization, make these pickups the best choice for demanding environments.

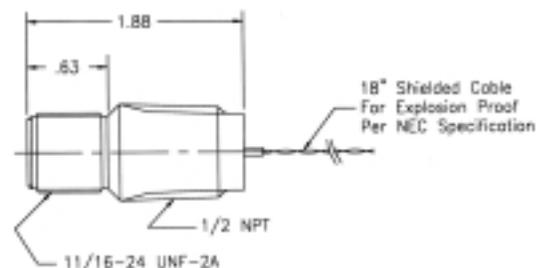
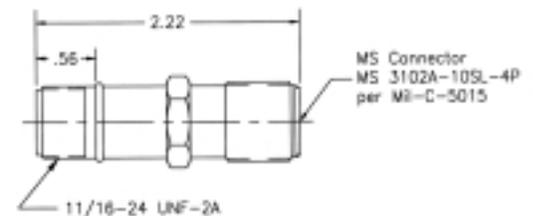
These pickups are available in standard and ruggedized grades. Ruggedized pickups undergo a internal construction process that enables them to better tolerate rigorous conditions that would cause other pickups to fail (e.g. excessive vibrations, impact and repeated thermocycling).



### Standard Features and Specifications

- Variable reluctance or inductive type
- Hermetically sealed, heli-arc welded construction
- 2 pin, gold plated, glass sealed connector  
(mate:MS3106-10SL-4P)
- 300 stainless steel housing (locknut included)
- Magnet that resists demagnetization
- Unique potting that compensates for temperature extremes
- Temperature range -450°F to 450°F (-270°C to 232°C)
- IR leakage: 100 megaohms @ 100 Vdc minimum
- High signal output
- High shock and vibration resistance  
(impact: 25G's min.; vibration: 2G's at 2000 Hz min.)

### Dimensions:



### Ordering Information

	Model No.	Resistance (Ohm)	Inductance (Henry)	Gauss Strength
Standard Drag	PC24-120G	1800	1.3	850
Low Drag	PC24-143G	1380	1.6	150/350
Inductive	PC3-24G	5000	30	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.