

PCA-375系列精密测量头

弹簧回弹式测量头

- 符合CE标准
- 气密封设计
- 可适用恶劣环境



产品说明

PCA 375系列测量头基于MHR系列LVDT技术，通过将MHR长度增长及加入弹簧修改而成。与LVDT相比，该产品多了4个额外的零件。PCA 375经济型测量头测量量程从 ± 0.1 英寸到 ± 1.0 英寸。为了提高产品可靠性，降低成本。新的PCA 375系列采用永久润滑的青铜轴承和活塞组件。

特点

- 尺寸小
- IP 65 电缆防护
- 高性能弹簧
- 可采用重工业标准端头
- 2.5 ~ 10.0KHz电压激励

应用

- 高密度测量工具夹
- 阻抗焊接确认
- 过程应用
- X-Y台位置反馈
- 铸件检查

选件

- 4-48 AGD端头
- 连接器可选

性能参数

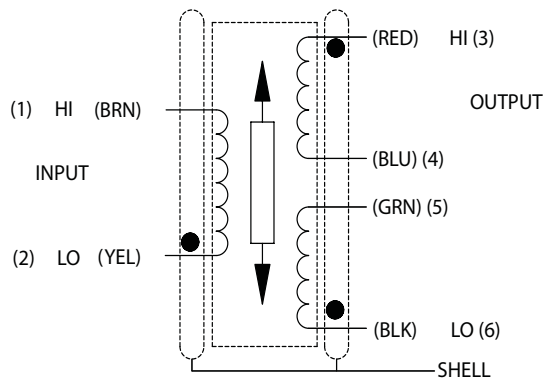
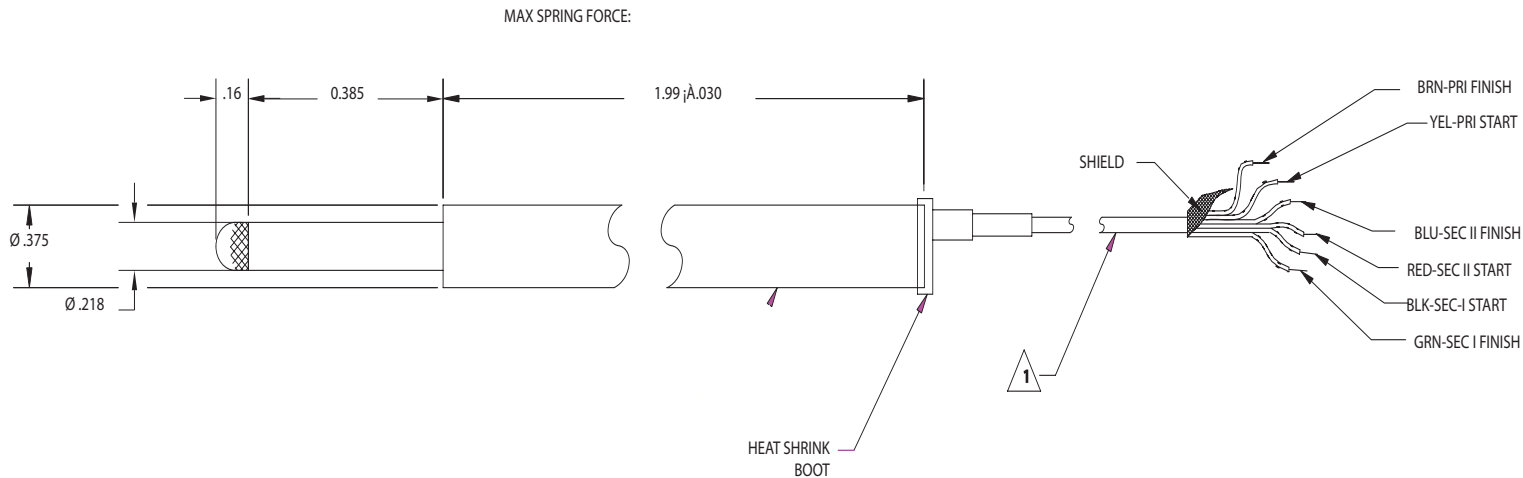
激励电压	3V rms @ 10.0KHz
零点电压	0.5%FSO
线性度	0.5%FRO
重复性	1.5微米(60微英寸)

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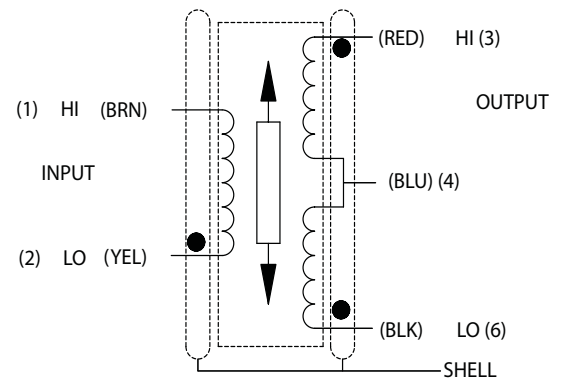
产品尺寸

接线图



WIRING SCHEMATIC

OR



WIRING SCHEMATIC

性能指标

产品编号	72350004-000	72350005-000	72350006-000	72350007-000
量程	± 0.100	± 0.250	± 0.500	± 1.000
DIM A	0.385	0.75	1.15	2.285
DIM B	1.99	3.26	5.25	8.95
灵敏度 mV ± 5%/V/0.001"	2.8	2.07	1.84	0.77
相移	5.0 ± 5°	7.0 ± 5°	3.8 ± 5°	-1.0 ± 5°
输入阻抗 ± 20%(REF)	400 OHMS	345 OHMS	264 OHMS	155 OHMS
输出阻抗 ± 20%(REF)	200 OHMS	420 OHMS	810 OHMS	450 OHMS
预置量程	0.050 (MIN)	0.070 (MIN)	0.040 (MIN)	0.050 (MIN)
过量程	0.050 (MIN)	0.070 (MIN)	0.040 (MIN)	0.050 (MIN)
重量(克)	50	56	72	92
最小弹簧弹力	TBD	TBD	TBD	TBD
最大弹簧弹力	TBD	TBD	TBD	TBD

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选项方法

指定具有相应范围的型号。还提供特殊接触端头，可以单独订购。

型号	量程
72350004-000	± 0.10英寸(2.5毫米)
72350005-000	± 0.25英寸(6.25毫米)
72350006-000	± 0.50英寸(12.6毫米)
72350007-000	± 1.0英寸(25.4毫米)

联系方式

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