

LVDT 高精度間隙距離感測器

BLV-GM

■特點:

- 精確度: $\pm 0.25\%$ 滿刻度
- 可量測微量變化之精確量場合, 如間距, 厚度, 張力

■選用型號規格: BLV - GM - 代碼

代碼	2.5	6.5	15	50
量測行程	2.5mm	6.5mm	15mm	50mm

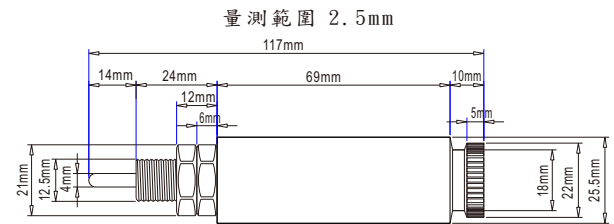


※註: 本規格僅適用於LVDT-M系列儀錶使用

■規格特性:

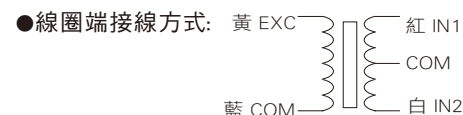
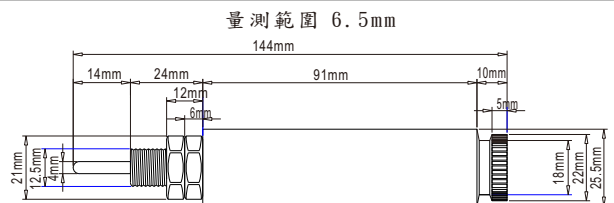
●Model: BLV-GM-2.5

- ◆Linear Range: ± 0.050 in.
- ◆Linearity: $\pm 0.3\%$ F.S.
- ◆Optimum Frequency: 200~3000Hz
- ◆Output: 1.69~2.07V
- ◆Primary Impedance: 306~374 Ω
- ◆Secondary Impedance: 4250~5750 Ω
- ◆Primary DCR: 54.9~73.7 Ω
- ◆Secondary DCR: 2185~2955 Ω
- ◆Phase Shift: 0~10 degrees
- ◆Null $\pm 0.6\%$ F.S.



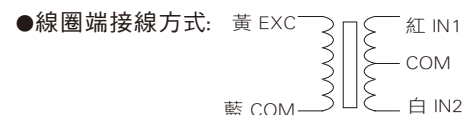
●Model: BLV-GM-6.5

- ◆Linear Range: ± 0.125 in.
- ◆Linearity: $\pm 0.25\%$ F.S.
- ◆Optimum Frequency: 50~1100Hz
- ◆Output: 1.79~2.19V
- ◆Primary Impedance: 247~303 Ω
- ◆Secondary Impedance: 977~1323 Ω
- ◆Primary DCR: 48.0~65.0 Ω
- ◆Secondary DCR: 501~679 Ω
- ◆Phase Shift: 1~11 degrees
- ◆Null $\pm 0.3\%$ F.S.



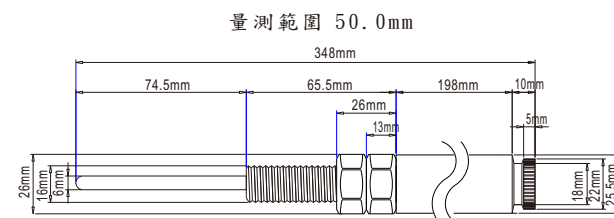
●Model: BLV-GM-15

- ◆Linear Range: ± 0.300 in.
- ◆Linearity: $\pm 0.25\%$ F.S.
- ◆Optimum Frequency: 50~350Hz
- ◆Output: 2.99~3.65V
- ◆Primary Impedance: 288~352 Ω
- ◆Secondary Impedance: 1466~1984 Ω
- ◆Primary DCR: 63.3~85.7 Ω
- ◆Secondary DCR: 841~1139 Ω
- ◆Phase Shift: -0.5~+9.5 degrees
- ◆Null $\pm 0.4\%$ F.S.



●Model: BLV-GM-50

- ◆Linear Range: ± 1.000 in.
- ◆Linearity: $\pm 0.35\%$ F.S.
- ◆Optimum Frequency: 500~4000Hz
- ◆Output: 4.27~5.43V
- ◆Primary Impedance: 6010~7350 Ω
- ◆Secondary Impedance: 407~551 Ω
- ◆Primary DCR: 910~1232 Ω
- ◆Secondary DCR: 384~520 Ω
- ◆Phase Shift: -3~+7 degrees
- ◆Null $\pm 0.5\%$ F.S.



■配線圖:



- 壓入型線色: 1: 黃 EXC
2: 紅 IN1
3: 白 IN2
4: 藍 COM
- 吐出型線色: 1: 黃 EXC
2: 白 IN1
3: 紅 IN2
4: 藍 COM