**SL700 Series**

- Compact ribbon type scale for easy mounting in cramped spaces
- Non-contact detection
- Magnetic detection system with excellent resistance to dust, oil, vibrations and shocks.
- Effective length from 50 mm to 100,000 mm
- Detects linear displacement and produces analog signal output when connected to PL101 head and MJ500/600/620 Series interpolator (both sold separately).
- Three types are available with different reference point specifications.

### Specifications

- **Overall length**
  - Effective length (ML)
    - 50 to 100,000 mm
    - 100 to 100,000 mm
    - 200 to 100,000 mm

- **Reference point pitch (p)**
  - 60 mm pitch from 20 mm to 90 mm
  - Multi point

- **Effective length (ML)**
  - ML = L' - 8.35 (48)
  - 3M = 25 / 3 M (19)

- **Reference mark pitch (p)**
  - P/2 + 0.8

- **Accuracy (20°C)**
  - ±2 μm (L' / D = 0.008)
  - ±0.1 mm (20°C)

### Dimensions

- **Reference mark**
  - For reference point specifications.

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**PL101 Series**

- Non-contact detection
- Magnetic detection system for excellent resistance to dust, oil, vibrations and shocks.
- Detects linear position and displacement and produces analog signal output when connected to PL101 head and MJ500/600/620 Series interpolator (both sold separately).
- A wide range of models is available so you can select the best model for your specific application.

### Specifications

- **Sensor type**
  - Differential output
  - Sin, Cos

- **Vo**
  - 0.2 / 0.30 V

- **V**
  - 0.70 / 0.85

- **Sin, Cos**
  - 12 / 0.47

- **Vo**
  - 0.2 / 0.30 V

### Dimensions

- **Reference mark**
  - For reference point specifications.

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*Refer to Dimensions drawings below. *Cable length of more than 15m, please consult our sales.