CD060 potentiometric output – Measurement range 0 up to 1500 mm

Specifications:

- **Measurement range**: 0 up to 1500 mm
- **Output signal**: 1kΩ (other values on demand)
- **Resolution**: Quasi infinite (depends on the operating system)
- **Material**: Body and cover - Aluminium (RoHS)
  
  Measuring cable – Stainless steel
- **Cable diameter**: 0,60 mm
- **Detection element**: Precision potentiometer
- **Connection**: Male connector M16 – DIN 3 pin
  Male connector M12 – 4 pin
  PVC cable – 4 wires

- **Standard linearity**: +/- 0.15% f.s.
  +/- 0.10% f.s. (optional)
- **Protection class**: IP54 (option IP67)
- **Max. Velocity**: 10 m/s
- **Max. Acceleration**: 20 m/s² (before cable deformation)
- **Weight**: ≈ 1000 g
- **Operating temperature**: -20° to +80°C
- **Storage temperature**: -30° to +80°C

Cable forces:

<table>
<thead>
<tr>
<th>Measurement range in mm</th>
<th>Min. pull-out force</th>
<th>Max. pull-out force</th>
</tr>
</thead>
<tbody>
<tr>
<td>1500</td>
<td>≈ 9,00 N</td>
<td>≈ 12,00 N</td>
</tr>
</tbody>
</table>

**Ordering reference:**

- Model: CD060
- **Measurement range**: CD060-1500 – 0 up to 1500 mm
  (Other ranges available on demand)
- **Output signal**: CD060-R01K – 1kΩ output
  (Other values on demand)
- **Linearity**: L15 = +/- 0.15% f.s.
  L10 = +/- 0.10% f.s. (optional)
- **Connection**:
  - C = Male connector M16 – DIN 3 pin
  - L4 = Male connector M12 – 4 pin
  - K = PVC cable – 4 wires + ex: 02 for cable 2 meters long

**OP Options**

- **AC** = Complete anodizing
- **BR** = Cleaning brush for the cable
- **BT** = Low temperature (down to -30°C)
- **CO** = Fixing of the measuring cable with a lug
- **CP** = Fixing of the measuring cable with a clevis
- **EM** = Fixing of the measuring cable with a clip
- **EN** = Measuring cable coated with polyamide
- **IP67** = Protection class IP67
- **M4** = Fixing of the measuring cable with a M4 threaded rod
- **TEV** = Water evacuation holes

Reference example: CD060-1500-R01K-L15-K02-OP-AC-EM

Made in France
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