CD060 analog output – Measurement range 0 up to 1500 mm

Specifications:

**Measurement range**: 0 up to 1500 mm

**Output signal**: 0…10V (galvanic isolation)

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 8 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>
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</thead>
<tbody>
<tr>
<td>1500</td>
<td>≈ 9,00 N</td>
<td>≈ 12,00 N</td>
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</table>

**Ordering reference**:

- **Model**: CD060
- **Measurement range**: 1500 = 0 up to 1500 mm
  - (Other ranges available on demand)
  - **Output signal**:
    - U010 = 0…10V
    - I420 = 4…20mA (current loop)
    - I420G = 4…20mA (current generator)
    - I020G = 0…20mA (current generator)
- **Linearity**:
  - L15 = +/- 0.15% f.s.
  - L10 = +/- 0.10% f.s. (optional)
- **Connection**:
  - C = Male connector M16 – DIN 8 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)
  - CD = 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-U010-L15-K02-OP-AC-EM

Made in France