

## CD080 potentiometric output – Measurement range 0 up to 2000 mm

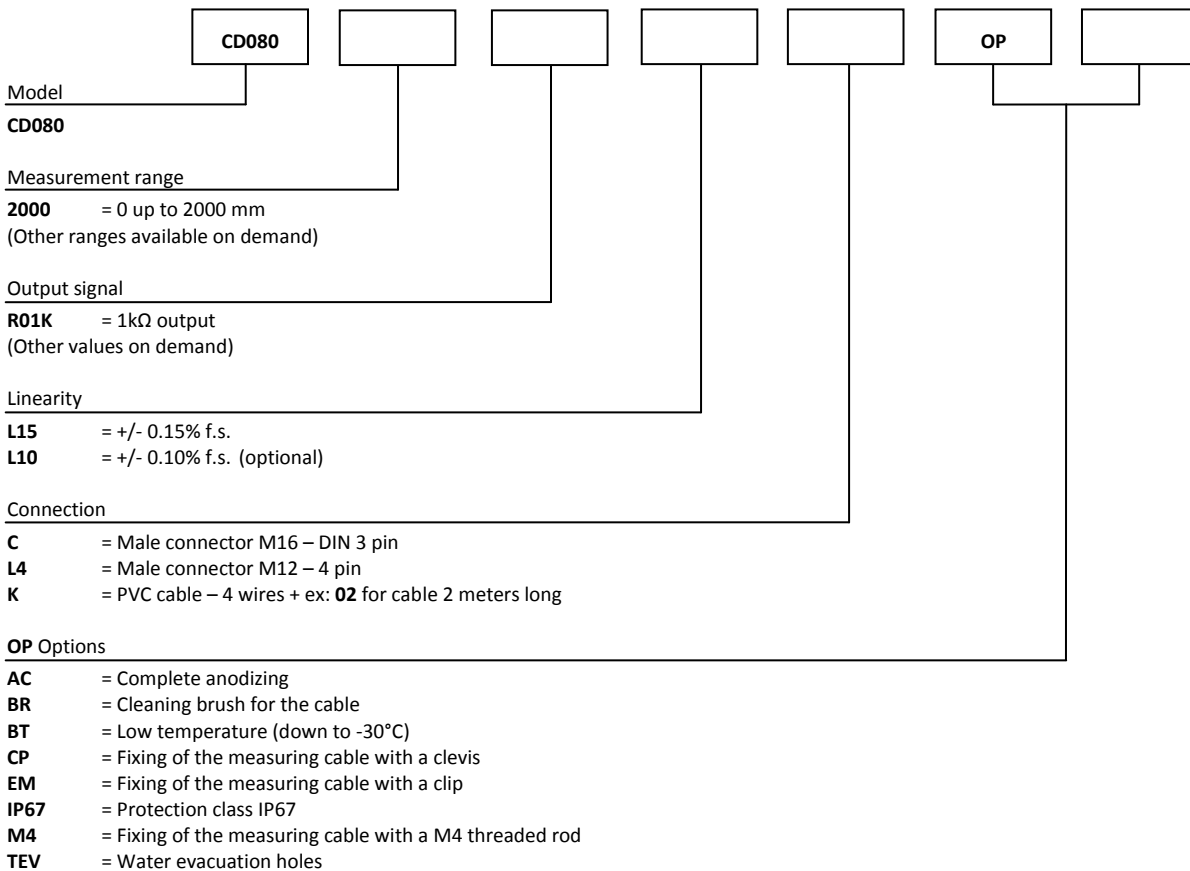
### Specifications:

<b>Measurement range</b>	<b>0 up to 2000 mm</b>
<b>Output signal</b>	<b>1k<math>\Omega</math> (other values on demand)</b>
<b>Resolution</b>	<b>Quasi infinite (depends on the operating system)</b>
<b>Material</b>	<b>Body and cover - Aluminium (RoHS) Measuring cable – Stainless steel</b>
<b>Cable diameter</b>	<b>0,60 mm</b>
<b>Detection element</b>	<b>Precision potentiometer</b>
<b>Connection</b>	<b>Male connector M16 – DIN 3 pin Male connector M12 – 4 pin PVC cable – 4 wires</b>
<b>Standard linearity</b>	<b>+/- 0,15% f.s. +/- 0,10% f.s. (optional)</b>
<b>Protection class</b>	<b>IP54 (option IP67)</b>
<b>Max. Velocity</b>	<b>10 m/s</b>
<b>Max. Acceleration</b>	<b>8 m/s<sup>2</sup> (before cable deformation)</b>
<b>Weight</b>	<b>≈ 1500 g</b>
<b>Operating temperature</b>	<b>-20° to +80°C</b>
<b>Storage temperature</b>	<b>-30° to +80°C</b>

### Cable forces:

Measurement range in mm	Min. pull-out force	Max. pull-out force
<b>2000</b>	<b>≈ 8,00 N</b>	<b>≈ 11,00 N</b>

### Ordering reference:



Reference example: CD80-2000-R01K-L15-K02-OP-AC-EM

Made in France

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### Dimensional Drawing

