

### CDS18-MEC-40000 mechanical devices - Measurement range 0 up to 40 000 mm

Specifications:

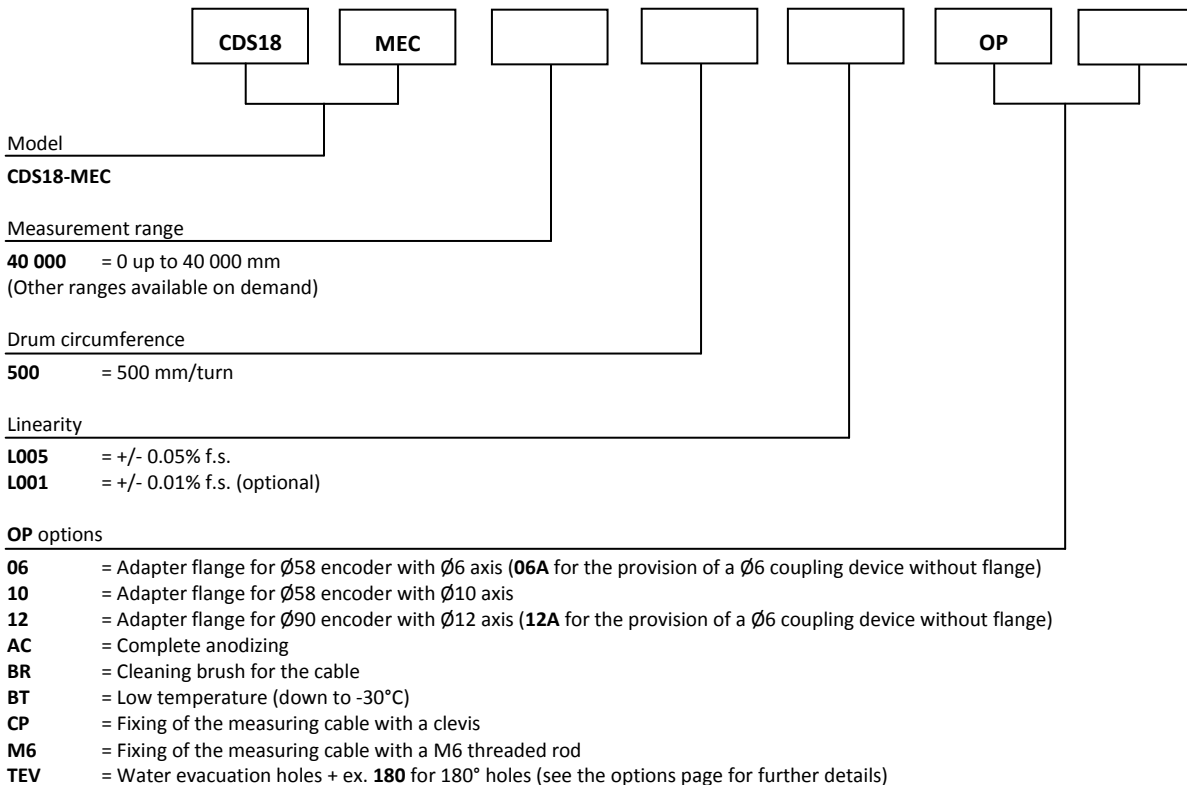
<b>Measurement range</b>	<b>0 up to 40 000 mm</b>
<b>Circumference drum</b>	<b>500 mm/turn</b>
<b>Sensing device</b>	<b>Adaptable with all our incremental or absolute encoders</b>
<b>Material</b>	<b>Body and cover - aluminium (Rohs) Measuring cable - Stainless steel</b>
<b>Cable diameter</b>	<b>0,90 mm</b>
<b>Standard linearity</b>	<b>+/- 0,05% f.s. +/- 0,01% f.s. (optional)</b>
<b>Max. Velocity</b>	<b>10 m/s</b>
<b>Max. Acceleration</b>	<b>1 m/s<sup>2</sup> (before cable deformation)</b>
<b>Weight</b>	<b>≈ 20kg</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
40 000	≈ 15,00 N	≈ 30,00 N

Ordering reference:



If no option is specified for the adapter flange, the draw-wire sensor will be supplied as standard with a Ø10 coupling brace without a flange. For the adaptation of an encoder or other sensor device which does not belong to our range, please contact us.

Reference example: CDS18-MEC-40000-500-L05-OP-10-AC

Made in France

**Dimensions:**

