

CD080-MEC mechanical devices - Measurement range 0 up to 2500 mm

Specifications:

Measurement range	0 up to 2500 mm
Circumference drum	200 mm/turn 204,8 mm/turn
Sensing device	Adaptable with all our incremental or absolute encoders
Material	Body and cover - aluminium (Rohs) Measuring cable – Stainless steel
Cable diameter	0,60 mm
Standard linearity	+/- 0,05% f.s. +/- 0,01% f.s. (optional)
Max. Velocity	10 m/s
Max. Acceleration	8 m/s ² (before cable deformation)
Weight	≈ 1500 g
Operating temperature	-20° to +80°C
Storage temperature	-30° to +80°C



Cable forces:

Measurement range in mm	Min. pull-out force	Max. pull-out force
2500	≈ 7,50 N	≈ 11,00 N

Ordering reference:

	CD80	MEC				OP	
Model	CD080-MEC						
Measurement range	2500 = 0 up to 2500 mm (Other range available on demand)						
Drum circumference	200 = 200 mm/turn 204,8 = 204,8 mm/turn						
Linearity	L005 = +/- 0.05% f.s. L001 = +/- 0.01% f.s. (optional)						
OP options	06 = Adapter flange for Ø58 encoder with Ø6 axis (06A for the provision of a Ø6 coupling device without flange) 10 = Adapter flange for Ø58 encoder with Ø10 axis 12 = Adapter flange for Ø90 encoder with Ø12 axis (12A for the provision of a Ø6 coupling device without flange) AC = Complete anodizing BR = Cleaning brush for the cable CP = Fixing of the measuring cable with a clevis EM = Fixing of the measuring cable with a clip M4 = Fixing of the measuring cable with a M4 threaded rod TEV = Water evacuation holes						

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: CD080-MEC-2500-200-L05-OP-10-AC

Made in France

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Dimensions:

