

CD150-MEC mechanical devices - Measurement range 0 up to 6000 mm

Specifications:

Measurement range	0 up to 6000 mm
Circumference drum	409,6 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	5 m/s ² (before cable deformation)
Weight	≈ 3000 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
6000	≈ 10,00 N	≈ 13,50 N

Ordering reference:

	CD150	MEC				OP	
Model	CD150-MEC						
Measurement range	6000 = 0 up to 6000 mm (Other ranges available on demand)						
Drum circumference	409,6 = 409,6 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 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: CD150-MEC-6000-409,6-L005-OP-10-AC

Made in France

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Dimensional Drawing

