

CDS18-MEC-50000 mechanical devices - Measurement range 0 up to 50 000 mm

Specifications:

Measurement range	0 up to 50 000 mm
Circumference drum	500 mm/turn
Sensing device	Adaptable with all our incremental or absolute encoders
Material	Body and cover - aluminium (Rohs) Measuring cable - Stainless steel
Cable diameter	0,90 mm
Standard linearity	+/- 0,05% f.s. +/- 0,01% f.s. (optional)
Max. Velocity	10 m/s
Max. Acceleration	1 m/s ² (before cable deformation)
Weight	≈ 23kg
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
50 000	≈ 15,00 N	≈ 30,00 N

Ordering reference:

	CDS18	MEC				OP	
Model	CDS18-MEC						
Measurement range	50 000 = 0 up to 50 000 mm (Other ranges available on demand)						
Drum circumference	500 = 500 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 BT = Low temperature (down to -30°C) CP = Fixing of the measuring cable with a clevis M6 = Fixing of the measuring cable with a M6 threaded rod TEV = Water evacuation holes + ex. 180 for 180° holes (see the options page for further details)						

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-50000-500-L005-OP-10-AC

Made in France

Dimensions:

