

| CDS18-MEC-20000

MECHANICAL DRAW-WIRE - MEASUREMENT RANGE 0 UP TO 20 000 MM





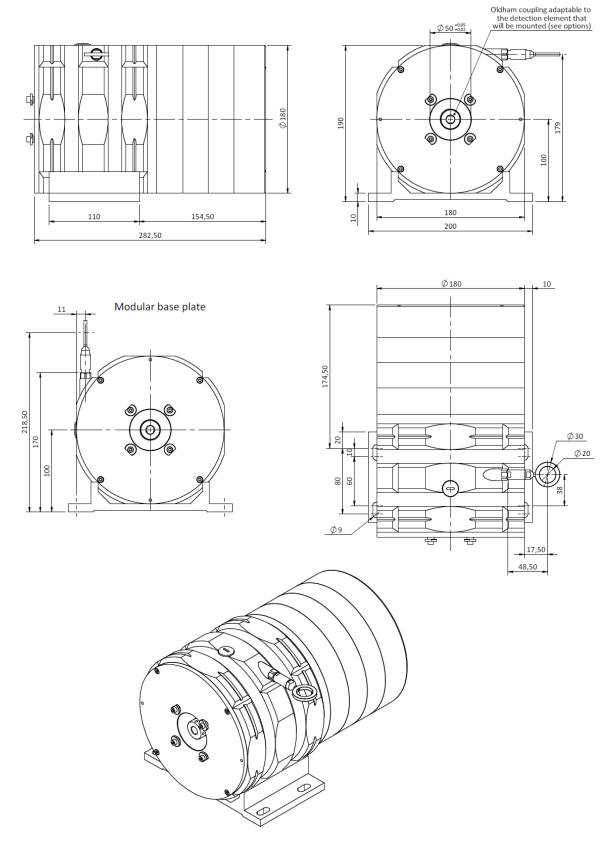
SPECIFICATIONS

Measurement range	0 up to 20 000 mm						
Circumference drum	500 mm/turn						
Sensing device	Adaptable with all of our incremental or absolute encoders Body and cover - aluminum (RohS) Measuring cable - Stainless steel						
Material							
Cable diameter	0,90 mm						
Standard linearity	+/- 0,05% f.s. +/- 0,01% f.s. (optional)						
Max. Velocity	10 m/s						
Max. Acceleration	2 m/s ² (before cable deformation)						
Weight	≈ 12kg						
Operating temperature	-20° to +80°C						
Storage temperature	-30° to +80°C						

CABLE FORCES

Measurement range in mm	20 000
Min. pull-out force	≈ 15,00 N
Max. pull-out force	≈ 30,00 N







CI	DS18	-	MEC	-	20000	-	500	-	L005	-	OP	-	AC		
Model						_		-				-			
CDS18-MEC															
Measuren	nent ra	nge													
20 000 = 0 up to 2 (Other ra			on demand)												
Drum circ	umfere	ence													
500 = 500 mm/tur	rn														
Linearity															
L005 = +/- 0.05% L001 = +/- 0.01%		onal)													
OP Option	ıs —														
06 = Adapter flang 10 = Adapter flang 12 = Adapter flang	ge for Ø58	B encod	ler with Ø1	0 axis	·					0.					

- 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
- CF = HAING OF THE MEASURING CADLE 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)
- For the adaptation of an encoder or other sensor device which does not belong to our range, please contact us.





Made In France

Page 3

Sensata Technologies, Inc. ("Sensata") data sheets are solely intended to assist designers ("Buyers") who are developing systems that incorporate Sensata products (also referred to herein as "components"). Buyer understands and agrees that Buyer remains responsible for using its independent analysis, evaluation and judgment in designing Buyer's systems and products. Sensata data sheets have been created using standard laboratory conditions and engineering practices. Sensata has not conducted any testing other than that specifically described in the published documentation for a particular data sheet. Sensata may make corrections, enhancements, improvements and other changes to its data sheets or components without notice.

Buyers are authorized to use Sensata data sheets with the Sensata component(s) identified in each particular data sheet. HOWEVER, NO OTHER LICENSE, EXPRESS OR IMPLIED, BY ESTOPPEL OR OTHERWISE TO ANY OTHER SENSATA INTELLECTUAL PROPERTY RIGHT, AND NO LICENSE TO ANY THIRD PARTY TECHNOLOGY OR INTELLECTUAL PROPERTY RIGHT, IS GRANTED HEREIN. SENSATA DATA SHEETS ARE PROVIDED "AS IS". SENSATA MAKES NO WARRANTIES OR REPRESENTATIONS WITH REGARD TO THE DATA SHEETS, EXPRESS, IMPLIED OR STATUTORY, INCLUDING ACCURACY OR COMPLETENESS. SENSATA DATA SHEETS ANY WARRANTY OF TITLE AND ANY IMPLIED WARRANTIES OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE, QUIET ENJOYMENT, QUIET POSSESSION, AND NON-INFRINGEMENT OF ANY THIRD PARTY INTELLECTUAL PROPERTY RIGHTS WITH REGARD TO SENSATA DATA SHEETS OR USE THEROF.

All products are sold subject to Sensata's terms and conditions of sale supplied at www.sensata.com SENSATA ASSUMES NO LIABILITY FOR APPLICATIONS ASSISTANCE OR THE DESIGN OF BUYERS' PRODUCTS. BUYER ACKNOWLEDGES AND AGREES THAT IT IS SOLELY RESPONSIBLE FOR COMPLIANCE WITH ALL LEGAL, REGULATORY AND SAFETY-RELATED REQUIREMENTS CONCERNING ITS PRODUCTS, AND ANY USE OF SENSATA COMPONENTS IN ITS APPLICATIONS, NOTWITHSTANDING ANY APPLICATIONS-RELATED INFORMATION OR SUPPORT THAT MAY BE PROVIDED BY SENSATA.

Mailing Address: Sensata Technologies, Inc., 529 Pleasant Street, Attleboro, MA 02703, USA.

CONTACT US

+1 (800) 350 2727 sales.beisensors@sensata.com **Europe, Middle East & Africa** +33 (3) 88 20 8080 position-info.eu@sensata.com **Asia Pacific** sales.isasia@list.sensata.com China +86 (21) 2306 1500 Japan +81 (45) 277 7117 Korea +82 (31) 601 2004 India +91 (80) 67920890 Rest of Asia +886 (2) 27602006 ext 2808