



| 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 |
| Material | Body and cover - aluminum (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 | 2 m/s ² (before cable deformation) |
| Weight | ≈ 12kg |
| Operating temperature | -20° to +80°C |
| Storage temperature | -30° to +80°C |



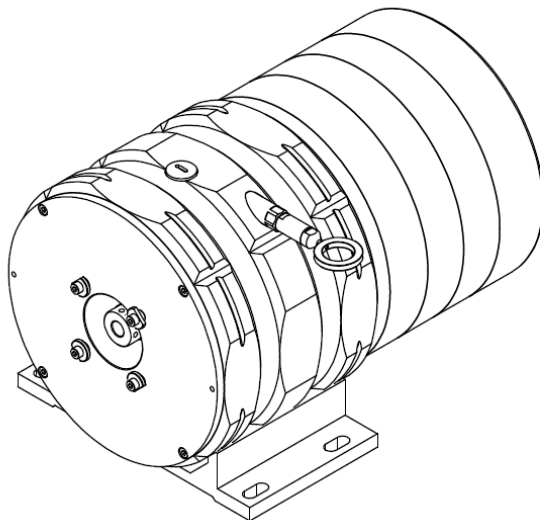
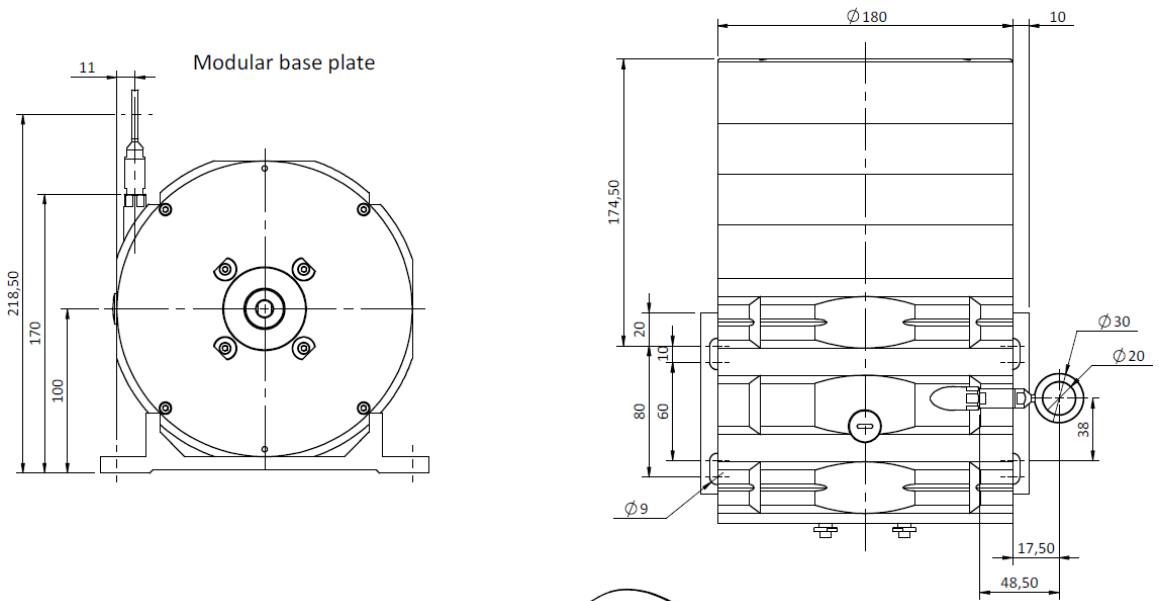
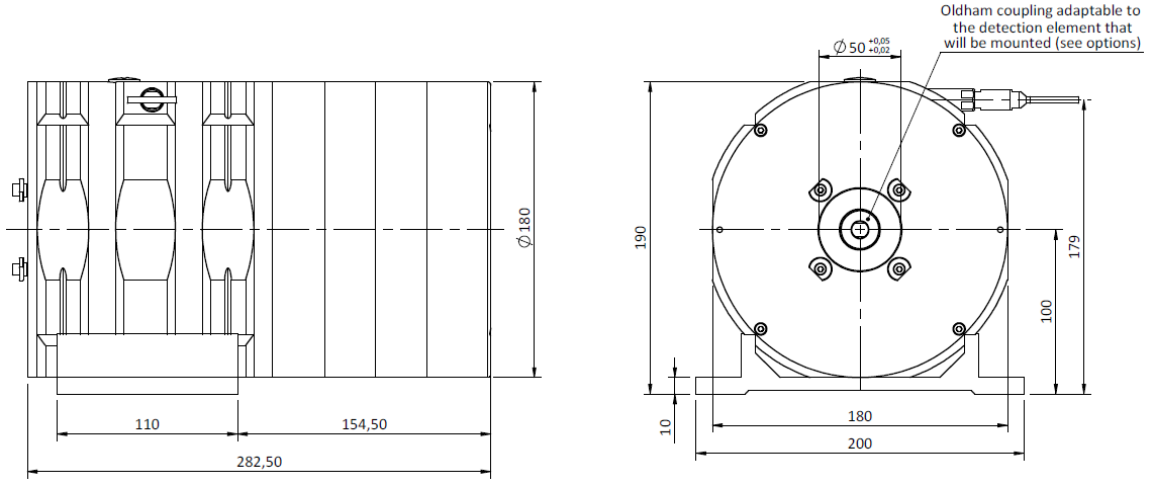
CABLE FORCES

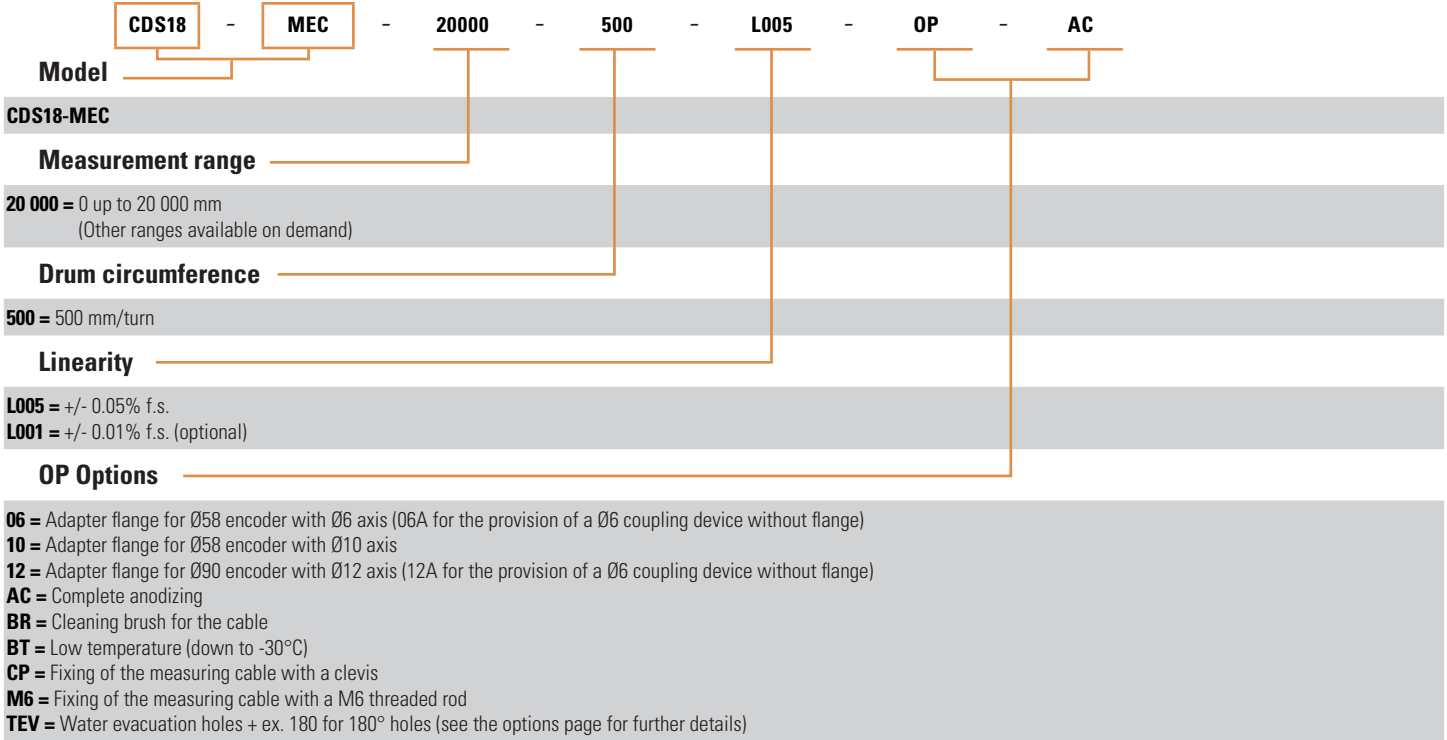
| | |
|--------------------------------|-----------|
| Measurement range in mm | 20 000 |
| Min. pull-out force | ≈ 15,00 N |
| Max. pull-out force | ≈ 30,00 N |



DIMENSIONS

All dimensions are in mm





For the adaptation of an encoder or other sensor device which does not belong to our range, please contact us.



AGENCY APPROVALS & CERTIFICATIONS



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.

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.

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

- Americas**
+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