



| DRAW WIRE SENSOR, CDB RANGE

Product Description

CDB Potentiometer draw-wire sensor offer a simple and cost effective solution to measure linear movement. These sensors do not need to be precisely guided and are especially adapted for heavy duty applications:



- Industrial solution,
- High accuracy,
- Adapted to harshest environments,
- Compact conception,
- Friendly user installation
- High Ingress Protection : IP67,
- Measuring range from 0 to 700mm,
- Recyclable noble material use (RoHS),
- Usinage dans la masse,
- Drum mounted on ball bearings,
- Used rotary sensor: multi-turn potentiometer,
- Almost-infinite resolution (in function of subsequent electronic).



SPECIFICATIONS

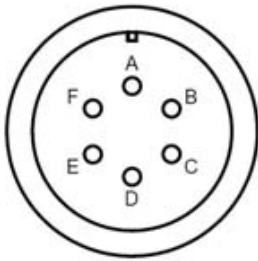
Characteristics

Range	0 to 700mm
Cable Material	Stainless Steel
Housing	Aluminum (RoHS)
Cable Diameter	1mm
Cable Tension	7N (Standard 700mm range)
Speed	5 m.s ⁻¹
Max Acceleration	20 m.s ⁻²
Weight	1 500g
Operating Temperature	-10 to +120°C
Storage Temperature	-20 to +125°C
IP (EN 60529)	IP67

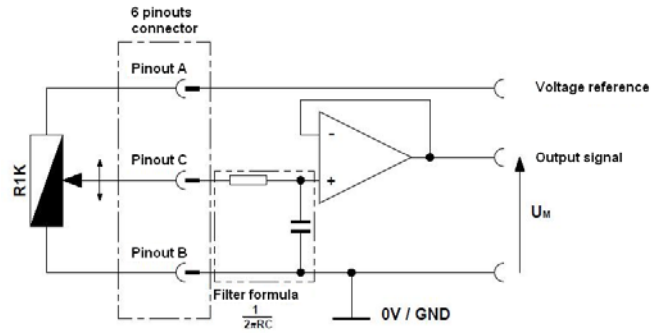
Connection

Pinouts	Function
A	+Vcc
B	Signal +
C	GND Power Supply
D	NC
E	NC
F	NC

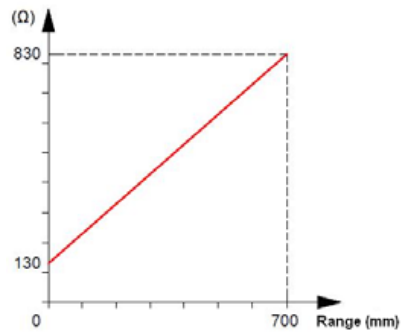
Mating Female Connector — Soldering Side



Electronics



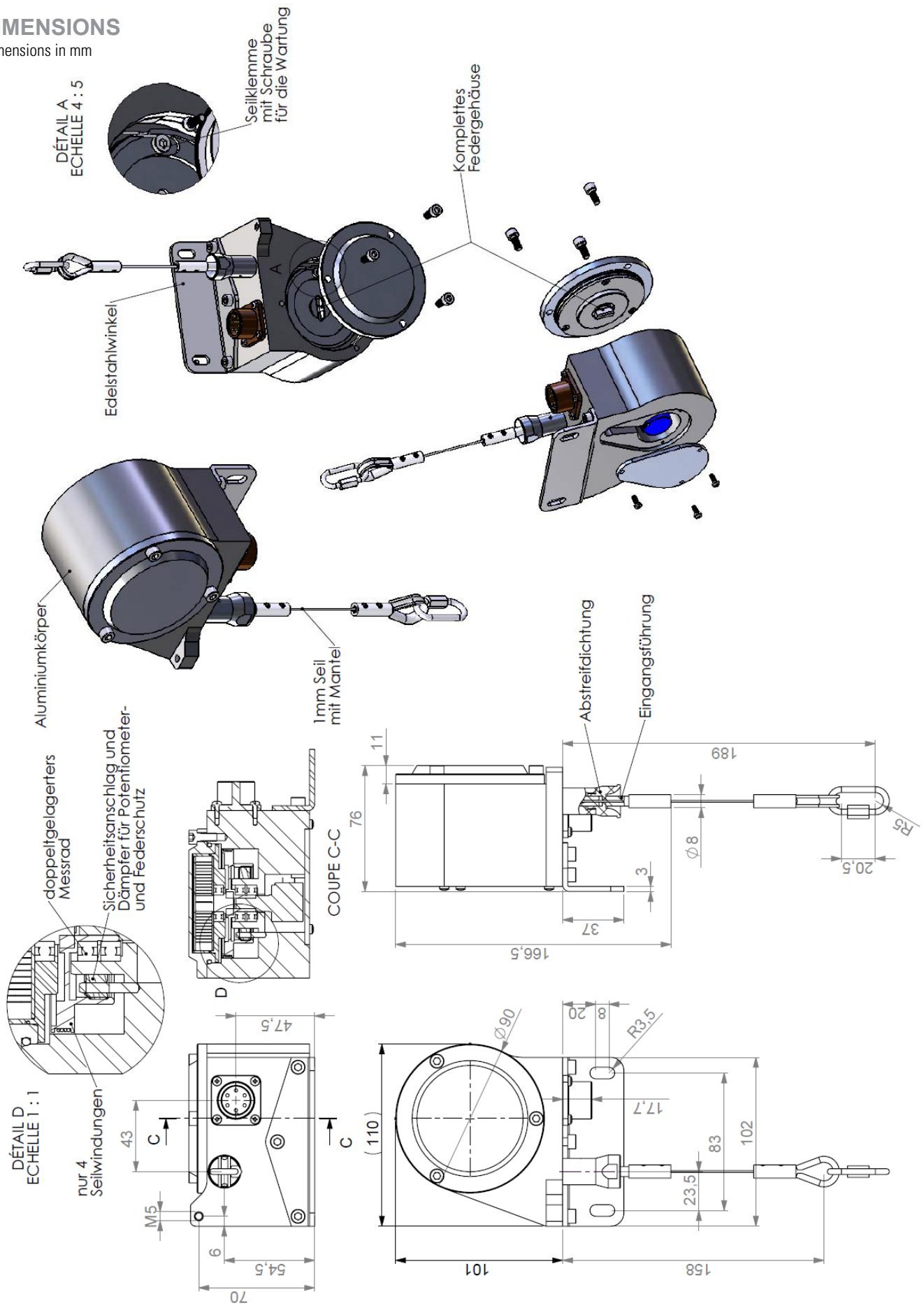
Output Signal Diagram





DIMENSIONS

Dimensions in mm





ORDERING OPTIONS

Series	CDB	800	0	700	ROOK	L20	C
Range							
800: 800mm							
Measure Origin (mm)							
Full Scale End (mm)							
Output							
130 to 830 Ohms							
Linearity							
±0.20% Full Range							
Connection							
6 Pinouts Connector (DIN41524)							



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