Specifications:

Measurement range 0 up to 1250 mm
Output signal 0...10V (galvanic isolation)
4...20mA current loop
4...20mA current generator (galvanic isolation)
0...20mA current generator (galvanic isolation)
Resolution Quasi infinite (depends on the operating system)
Material Body and cover - aluminium (RohS)
Measuring cable - Stainless steel
Cable diameter 0.51 mm
Detection element Multi-turn Hybrid potentiometer

Connection
Male connector M16 – DIN 8 pin
Male connector M12 – 4 pin
PVC cable – 4 wires

Standard linearity
+- 0,25% f.s. – stroke ≤500mm
+- 0,15% f.s. – stroke >500mm
+- 0,10% f.s. – stroke >500mm (option)

Protection class
IP54 (option IP67)

Max. Velocity 10 M/S
Max. Acceleration 40 M/S^2 (before cable deformation)
Weight ≈ 700 g

Ordering reference:
Model CD050
-measurement range
-0050 = 0 up to 50 mm
-0100 = 0 up to 100 mm
-0250 = 0 up to 250 mm
-0500 = 0 up to 500 mm
-0750 = 0 up to 750 mm
-1000 = 0 up to 1000 mm
-1200 = 0 up to 1200 mm
-1250 = 0 up to 1250 mm
(Other range available on demand)

Output signal
U010 = 0...10V
I420 = 4...20mA (current loop)
I420G = 4...20mA (current generator)
I020G = 0...20mA (current generator)

Linearity
L25 = +/- 0.25% f.s. (standard for measuring range from 0 up to 500mm)
L15 = +/- 0.15% f.s. (standard for measuring range greater than 500 mm)
L10 = +/- 0.10% f.s. (option for measuring range greater than 500 mm)

Connection
C = Male connector M16 – DIN 8 pin
L4 = Male connector M12 – 4 pin
K = PVC cable – 4 wires + ex: 02 for cable 2 meters long

OP Options
AC = Complete anodizing
BT = Low temperature (down to -30°C)
CP = Fixing of the measuring cable with a clevis
EM = Fixing of the measuring cable with a clip
EN = Measuring cable coated with polyamide
IP67 = Protection class IP67
IX = Stainless steel measuring cable not coated (standard)
M4 = Fixing of the measuring cable with a M4 threaded rod
RAC = Cable dust wiper
TEV = Water evacuation holes

Reference example: CD050-0750-U010-L15-K02-OP-AC-EM

Made in France
CD050 analog output – Measurement range 0 up to 1250 mm

Dimensions:

K Connection (PVC cable - 4 wires)

L4 connection (connector M12 - 4 pin)

C connection (Connector M16 - DIN 8 pin)