Specifications:

Measurement range
0 up to 3000 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
0.61 mm

Detection element
Precision potentiometer

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

Standard linearity
+/- 0,15% f.s.
+/- 0,10% f.s. (optional)

Protection class
IP54 (option IP67)

Max. Velocity
10 M/S

Max. Acceleration
7 M/S² (before cable deformation)

Weight
≈ 2000 g

Operating temperature
-20° to +80°C

Storage temperature
-30° to +80°C

Cable forces:

<table>
<thead>
<tr>
<th>Measurement range in mm</th>
<th>Min. pull-out force</th>
<th>Max. pull-out force</th>
</tr>
</thead>
<tbody>
<tr>
<td>3000</td>
<td>≈ 13,50 N</td>
<td>≈ 18,00 N</td>
</tr>
</tbody>
</table>

Ordering reference:

Model
CD115

Measurement range
3000 = 0 up to 3000 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
L15 = +/- 0,15% f.s.
L10 = +/- 0,10% f.s. (optional)

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
BR = Cleaning brush for the cable
BT = Low temperature (down to -30°C)
CP = Fixing of the measuring cable with a clevis
IP67 = Protection class IP67
M4 = Fixing of the measuring cable with a M4 threaded rod
TEV = Water evacuation holes

Reference example: CD115-3000-U010-L15-K02-OP-AC-M4

Made in France