

CD115 potentiometric output – Measurement range 0 up to 3000 mm

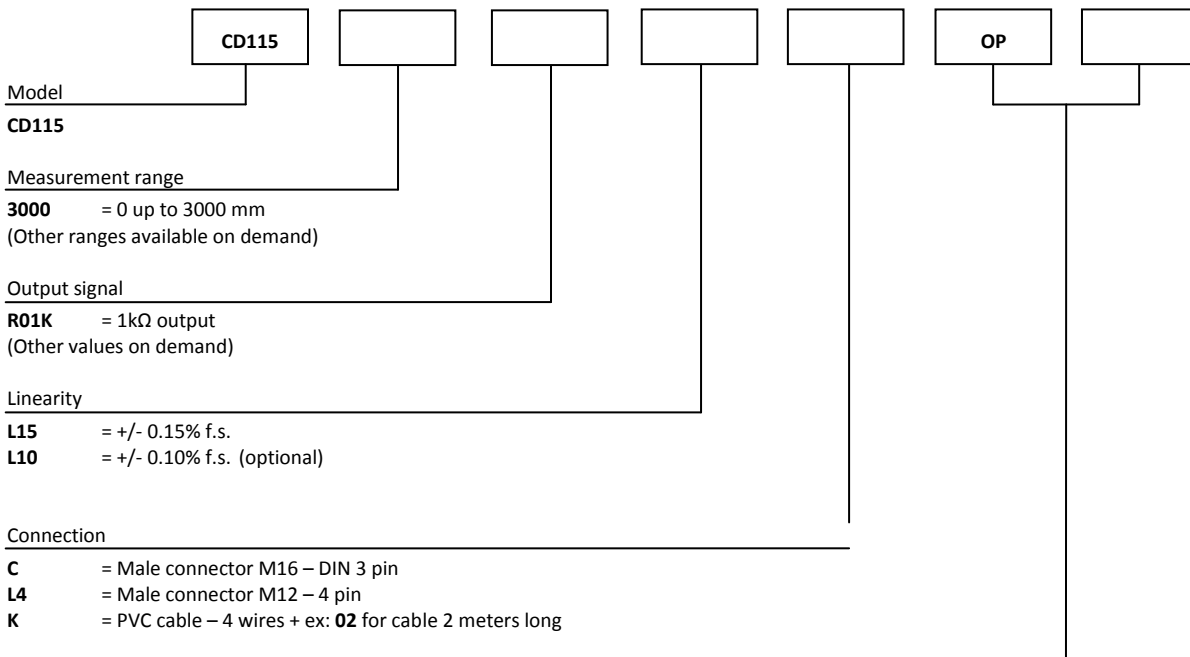
Specifications:

Measurement range	0 up to 3000 mm
Output signal	1kΩ (other values on demand)
Resolution	Quasi infinite (depends on the operating system)
Material	Body and cover - Aluminium (RoHS) Measuring cable – Stainless steel
Cable diameter	0,60 mm
Detection element	Precision potentiometer
Connection	Male connector M16 – DIN 3 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	10m/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:

Measurement range in mm	Min. pull-out force	Max. pull-out force
3000	≈ 13,50 N	≈ 18,00 N

Ordering reference:



OP Options

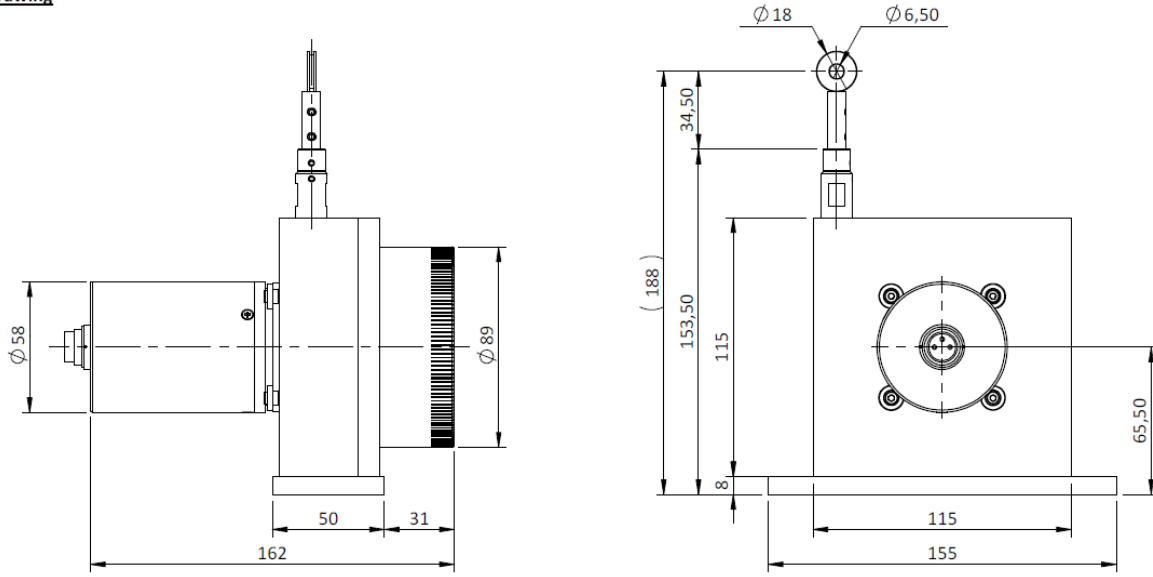
AC	= Complete anodizing
BR	= Cleaning brush for the cable
BT	= Low temperature (down to -30°C)
CP	= Fixing of the measuring cable with a clevis
IP67	= Protection class IP67
M4	= Fixing of the measuring cable with a M4 threaded rod
TEV	= Water evacuation holes
BR	= Cleaning brush for the cable

Reference example: CD115-3000-R01K-L15-K02-OP-AC-M4

Made in France

CD115 potentiometric output – Measurement range 0 up to 3000 mm

Dimensional Drawing



K connection
(PVC cable - 4 wires)

L4 connection
(connector M12 - 4 pin)

C connection
(Connector M16 - DIN 3 pin)

