

CDS12-15000 analog output – Measurement range 0 up to 15 000 mm

Specifications:

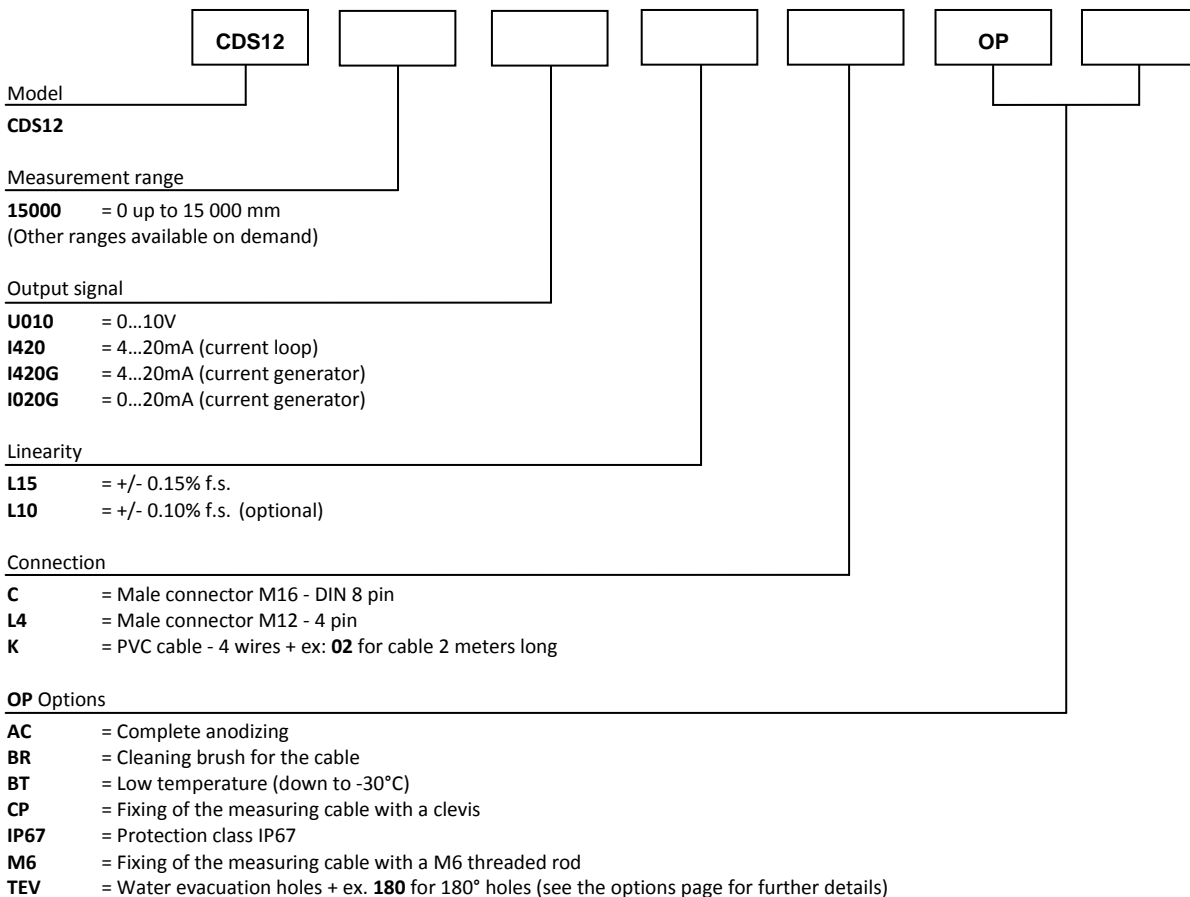
| | |
|------------------------------|---|
| Measurement range | 0 up to 15 000 mm |
| Output signal | 0...10V (galvanic isolation) 4...20mA current loop 4...20mA current generator (galvanic isolation) 0...20mA current generator (galvanic isolation) |
| Resolution | Quasi infinite (depends on the operating system) |
| Material | Body and cover - aluminium (RoHS) Measuring cable - Stainless steel |
| Cable diameter | 0,90 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 | IP65 |
| Max. Velocity | 10 m/s |
| Max. Acceleration | 4 m/s² (before cable deformation) |
| Weight | ≈ 8 kg |
| 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 |
|-------------------------|---------------------|---------------------|
| 15 000 | ≈ 10,50 N | ≈ 15,00 N |

Ordering reference:



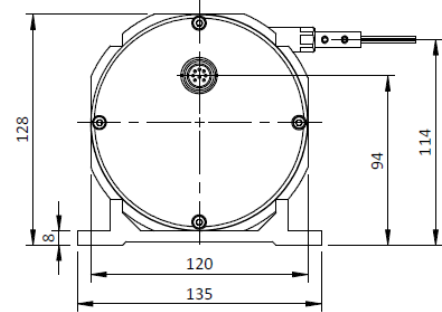
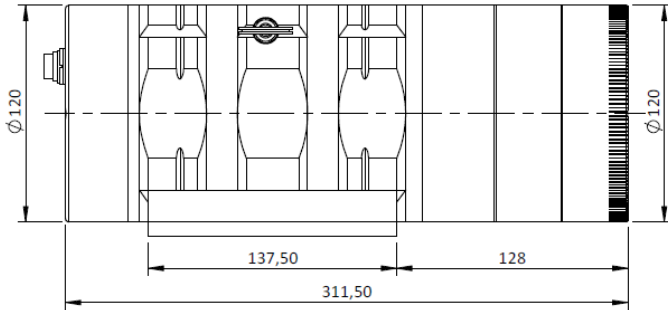
Reference example: CDS12-15000-U010-L15-K02-OP-AC-M6

Made in France

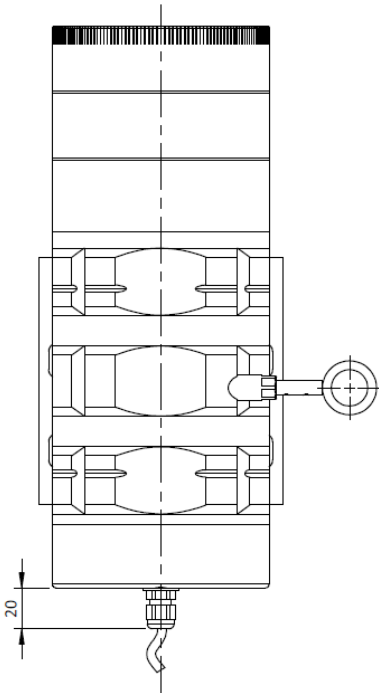
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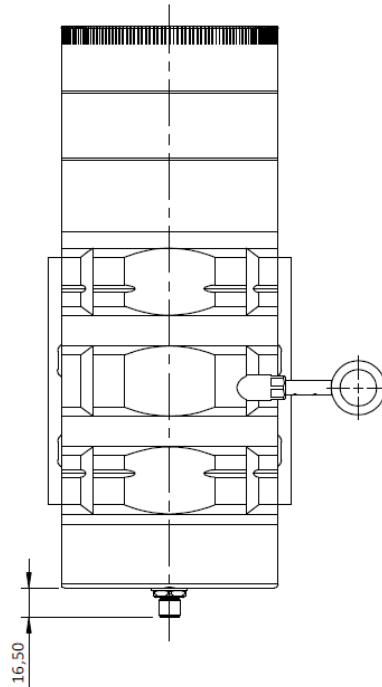
Dimensions:



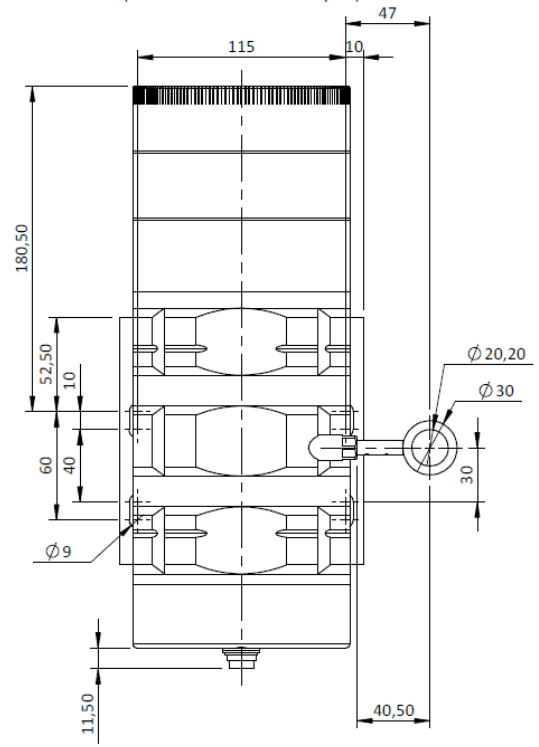
K connection
(PVC cable - 4 wires)



L4 connection
(connector M12 - 4 pin)



C connection
(Connector M16 - DIN 8 pin)



Modular base plate

