

Laser Marked Cable Accuracy Statement

Solinst #102/102M Water Level Meters are certified traceable to National Standards.

Our reference standard is verified by the **NIST Metrology Laboratory** (National Institute of Standards and Technology). NIST Test # 821/278129-09

Accuracy specifications of our marked cables meet or are better than tolerances outlined in the following international standard:

EU Measurement Instruments Directive 2004/22/EC, Accuracy Class III, (European Union Standard).

Specifically, all Solinst #102 Water Level Meters are marked to an accuracy of at least 0.03%.



Cable is marked every 1/100ft or each millimeter

102 Cable Specifications:

- Break Strength: ~190 lbs (86Kg)
- Coefficient of linear thermal expansion: 9.6 μ in / in °F
- 7 stranded 304 Stainless Steel central conductor
- PTFE dielectric
- Tinned Cu (Copper) braid external conductor
- MDPE (Medium Density Polyethylene) jacket