

### Soil temperature sensors



- ▶ Buriable to any depth without creating air pockets that facilitate the entry of water from the cable insertion hole
- ▶ Water-proof sensor (IP67) even for water temperature measurements
- ▶ 4-wires Pt100 technology for a better accuracy even in case of long connection cable
- ▶ Made in AISI 304 stainless steel
- ▶ In-house ISO17025 calibration laboratory

DLE041 is used for temperature measurement on soil surface or buried in the soil at the required depth. It is made of a tightly waterproof shank and it can be also used for water temperature measurements.

#### Technical Specifications

PN	DLE041A	
<b>Use</b>	Buriable inside the soil, or placeable on the surface. Usable even for measurements inside water	
<b>Soil temperature</b>	Principle	Pt100 Class A IEC60751 (DIN Class A)
	Measuring range	-50...70 °C
	Accuracy	±0.15 K @ 0 °C
	Output	Pt100 DIN-IEC 751 table (EN 60751)
	Cable	L=10 m
	Housing	Stainless steel AISI 304
	Operative temperature	-20...70 °C
	Protection rate	IP67
	Weight / Dimensions	0.5 kg / 250 mm Ø 6 mm
	Data logger compatibility	E-Log, Alpha-Log

#### Accessori

	<b>SVICA0003</b>	ISO9001 type calibration certificate (Temperature)
	<b>SVACA0006</b>	ISO17025-ACCREDIA type calibration certificate (Temperature)