



# Environmental Measuring Systems

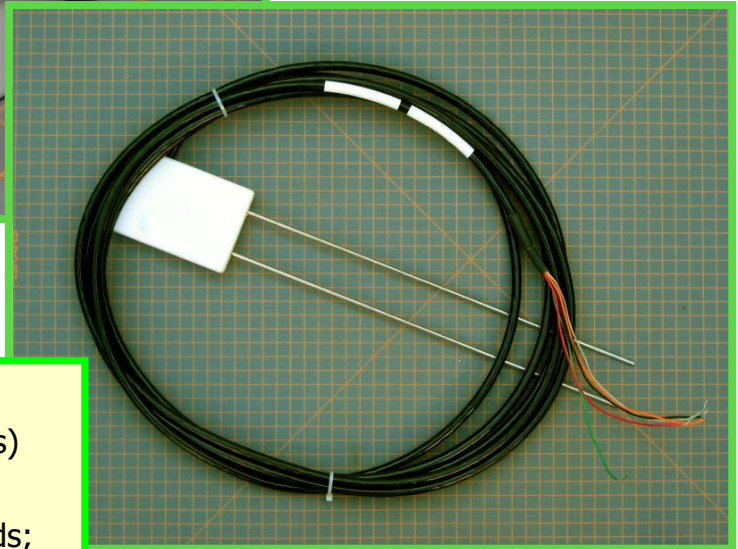
Turistická 5, 621 00 BRNO, Czech Republic, [www.emsbrno.cz](http://www.emsbrno.cz)

## Soil water content set CS650/655



### Soil water content sensor Campbell Sci.

- TDR principle
- The probe measures:
  - Soil water content
  - Soil conductivity
  - Soil permittivity
  - Soil temperature
- Two length of pins available:
  - 30 or 12 cm
- SDI-12 connection



### Datalogger

- MicroLog SDI CS (IR data access)
- 256 k flash memory
- Memory capacity 100,000 records;
  - 10 months of 10 minute values
- Measuring intervals 1 min to 4 hrs
- Interval of averaging 1 min to 4 hrs
- Operating range -40 to 60 deg.C
- Battery lasting 10 month when measuring each minute
- Battery Lithium AA size

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