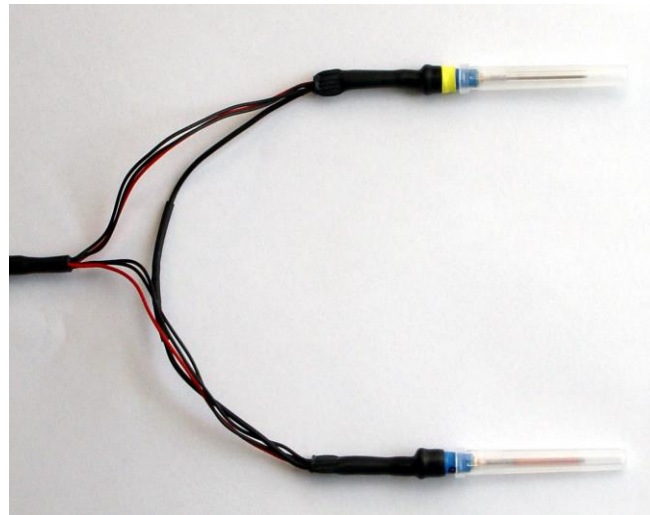


Sap Flow Sensor

Type SF-G

Technical Specifications



Name of the Sensor	Sap Flow Sensor Type SF-G (Granier Sensor)
Use area	Continuous measurement of Sap Flow of trees
Suitable for Tree Size	Diameter > 2 cm
Power supply	The Sensor is continuously supplied by a power supply unit CCS. A CCS supplies 1 to 3 SF-G sensors and requires an input of 12 - 15 V direct current of 85 mA (This means a consumption of 2.1 Ampere x Hour/day)
Logger requirements	One SF-G sensor requires one differential logger channel for voltage measurement with a resolution <math><10 \mu\text{V}</math>.
Sensor composition	2 needles Length: 33 / 43 / 63 mm length Diameter: 1.5 mm Heating 20 mm from top of the needle Cable length: 5 m, extendable to 20 m