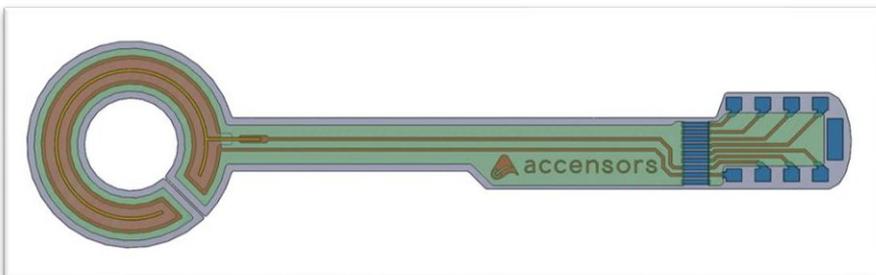# Datasheet
Moisture sensor S-501 PET 200 µm
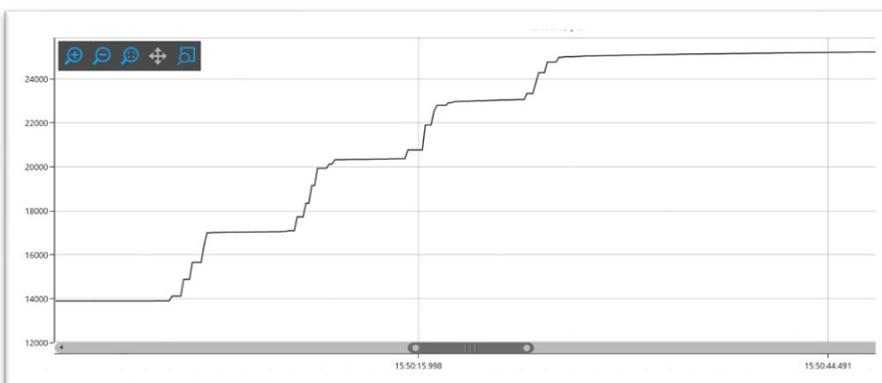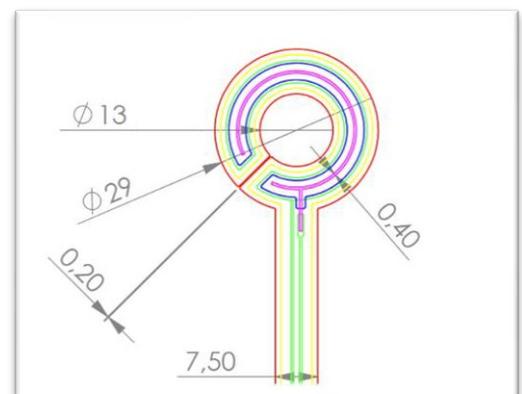
addSensors

Foil sensor for moisture monitoring

The S-501 is a foil sensor with electrodes for capacitive moisture detection. The foil carrier is made of transparent PET material with a printed insulation. A connection between sensor and measurement electronics can be established via addSensors connect or ZiF-connector. Contact pads are covered with an oxidation protection. The data given refers to the use of the sensor in combination with the ACO addSensors Moisture D-600 measurement device and our Win 10 addSensors Lab application. The measuring output will display the wet area in digits.

TRL 7

MRL 7

Technical Data	
Dimensions L x W x H in mm	115 x 29 x 0,25
Sensitivity	+/- 10 %
Detection side	Top side (green)
Response time	2 sec
Storage temperature	15 °C - 30 °C
Storage humidity	35 % RH - 60 % RH
Measuring environment	
Temperature	20 °C - 25 °C
Humidity	50 % RH - 55 % RH
Liquid	Water

All mechanical dimensions are valid at 25 °C ambient temperature, if not differently indicated. All data except the mechanical dimensions only have information purposes and are not to be understood as assured characteristics. Technical changes without previous announcement as well as mistakes reserved. Load with extreme values during a longer period can affect the reliability. Typing errors and mistakes reserved. Product specifications are subject to change without notice.