

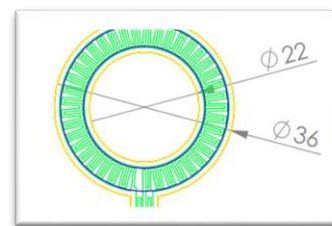
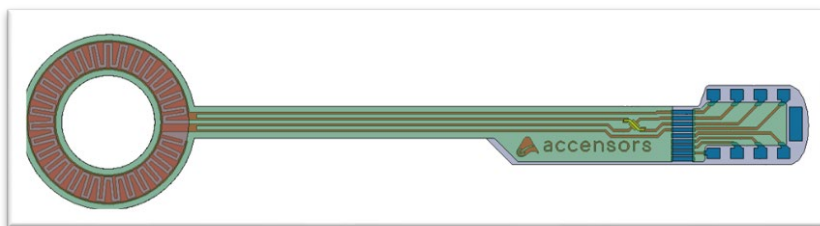
Factsheet

Force sensor S-202 PET 125 μm

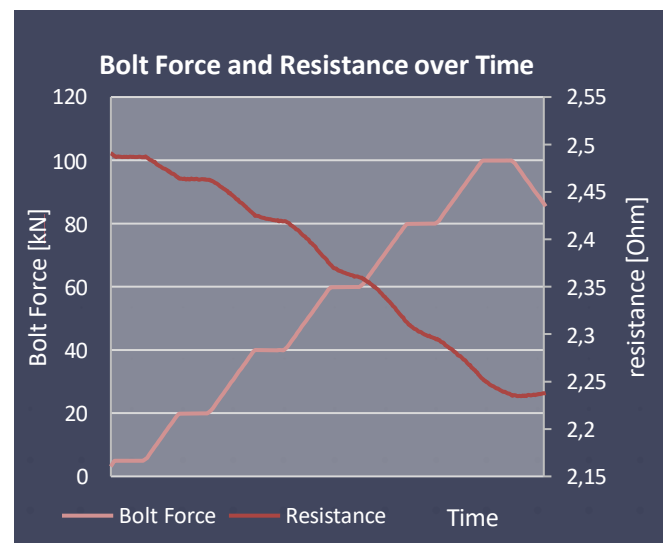


Foil sensor for screw force monitoring

S-202 is a foil sensor with an IDES structured layout with resistive force detection. The layout is designed to fit M20 screws. 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 Pressure D-200. The measuring output will display the screw force in Ohm.



Technical Data	
Dimensions LxWxH (mm)	166 x 36 x 0,25
accuracy	0.02 Ohm
Measurement range	up to 100 kN
Response time	6 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



MRL 7



TRL 7

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.