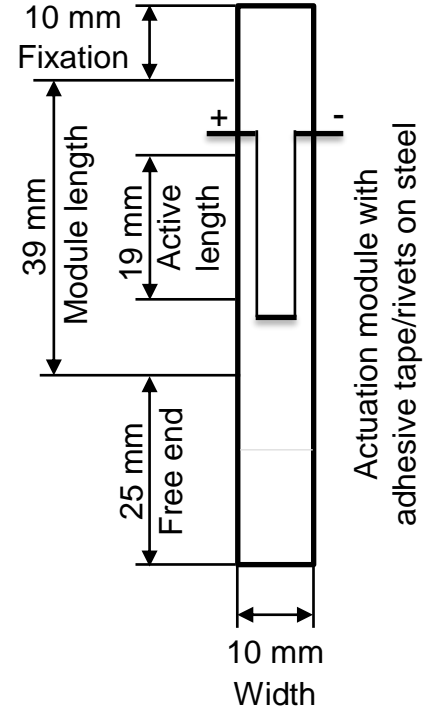
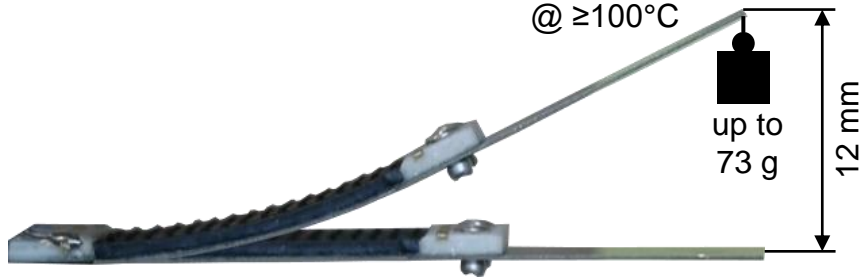


# Sample Actuator *Curve*® plugged 1910H



- Module size: 39 mm x 10 mm x 1.8 mm
- Active length: 19 mm
- Module weight: 0.8 g
- Load range: up to 73 g at tip  
→ with high cycling stability  $\geq 200.000$  cycles

- Dimensions of module size customizable
- Individual deflection
- Flexible mechanical and electrical interfaces
- Electrical resistivity can be modified
- All materials are RoHS-compliant



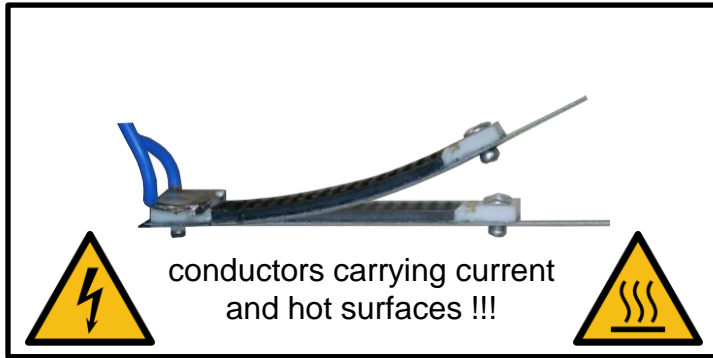
**application notes on the back**

# Sample Actuator *Curve*<sup>®</sup> plugged 1910H



## application notes

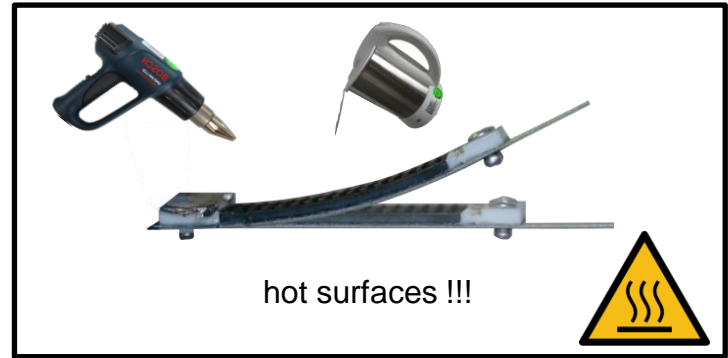
### *Curve plugged*<sup>®</sup>



conductors carrying current  
and hot surfaces !!!

Electrical resistivity: 0.2  $\Omega$   
**Activation of a cooled down actuator  
in calm air at 23°C by heating current /  
max time:** e.g. 2.5A/45s; 3A/15s; 4A/4s; 5A/1s

### *Curve unplugged*<sup>®</sup>



hot surfaces !!!

**Begin of actuation:** ca. 60°C  
**End of actuation:** ca. 100°C  
**Maximum temperature:** 130°C

- **Current and time period only as a guide for a cooled down actuator in calm air at 23°C**  
→ **Risk of overheating for subsequent activation** without adaption of current and time period
- To avoid damage do not exceed maximum temperature either electrical or thermal
- Uncontrolled electrical heating can lead to overheating → **risk of fire!**
- Operate exclusively with controllable power source in the SELV (safe extra-low voltage) range