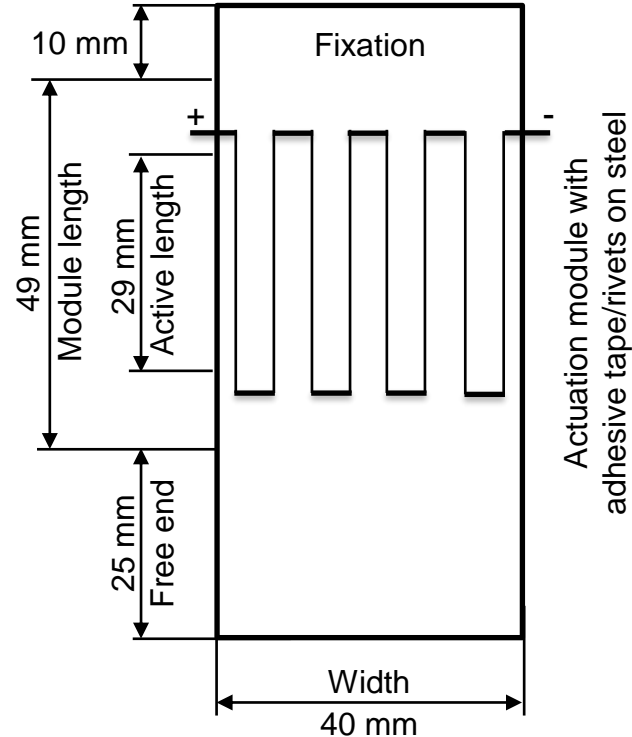
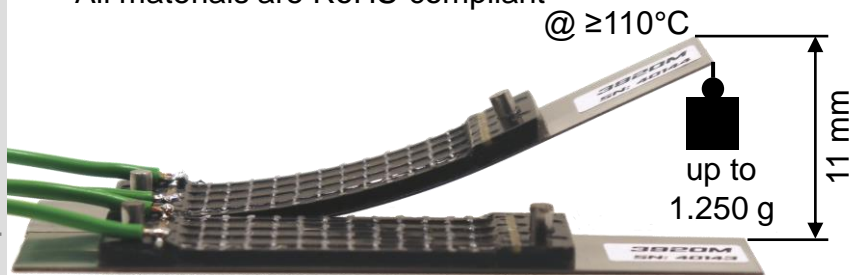


# Sample Actuator *Curve*® plugged 2940E24



- Module size: 49 mm x 40 mm x 3.3 mm
- Active length: 29 mm
- Module weight: 7.9 g
- Load range: up to 1.250 g at tip  
→ with high cycling stability ≥ 300.000 cycles

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



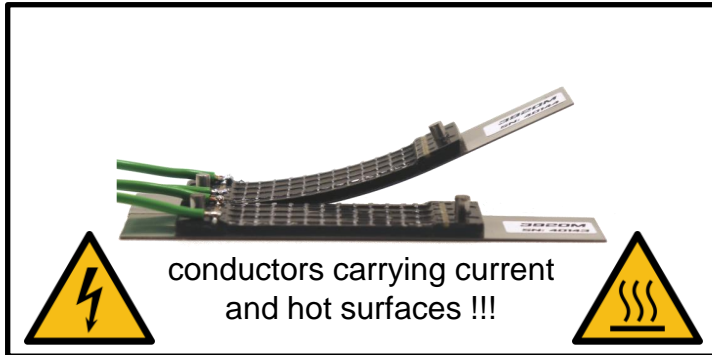
**application notes on the back**

# Sample Actuator *Curve*® plugged 2940E24



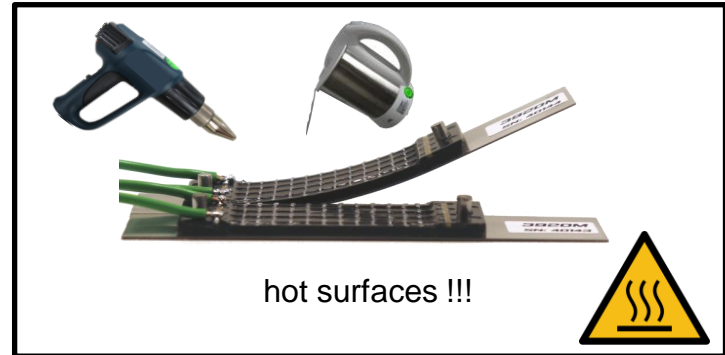
## application notes

### *Curve*® plugged



Electrical resistivity: 1.2  $\Omega$   
Activation by heating current / max time:  
e.g. 3A/15s; 4A/4s; 5A/1.3s  
for a cooled down actuator in calm air at 23°C

### *Curve*® unplugged



Begin of actuation: ~ 60°C  
End of actuation: ~ 110°C  
Maximum temperature: 130°C permanent  
> 150°C short-term

- **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