

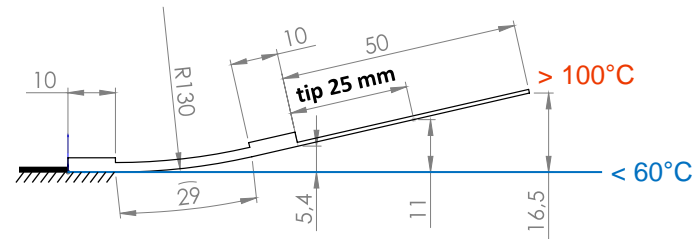
Sample Actuator *Curve*® plugged A2940E24



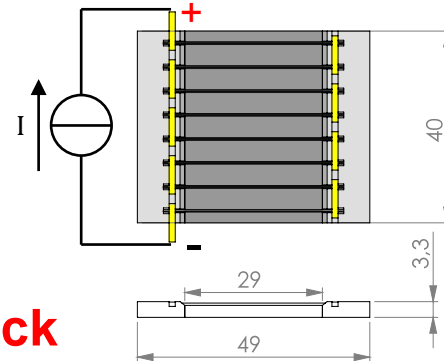
- Active length: **29 mm**
- Module size: **49 mm x 40 mm x 3.3 mm**
- Bending: **low (E24)**
- Weight: **7.9 g + hosting structure**
- Hosting structure: **steel + rivets, tip 25 mm size 84 x 40 x 0.50 mm³**
- Load range with high cycling stability (> 300.000)
 - at module edge: **2050 g**
 - at 25 mm: 1250 g**
 - at 50 mm: **900 g**

- Operating mode: **plugged**
- Thermal activation by: **resistive heating**
- Electronic circuit: **all wires in series**
- Resistivity: **1.2 Ohm**
- Full Activation (DC): **e.g. 3 A for 15 s / 4 A for 4 s / 5 A for 1.3 s**

**Actuator
A2940E24**



M2940E24 – Actuator Module only

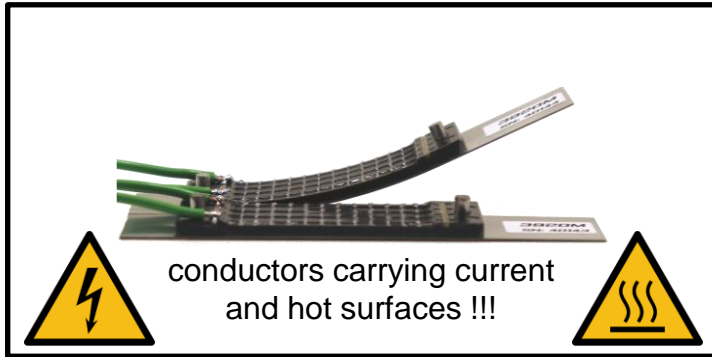


application notes on the back

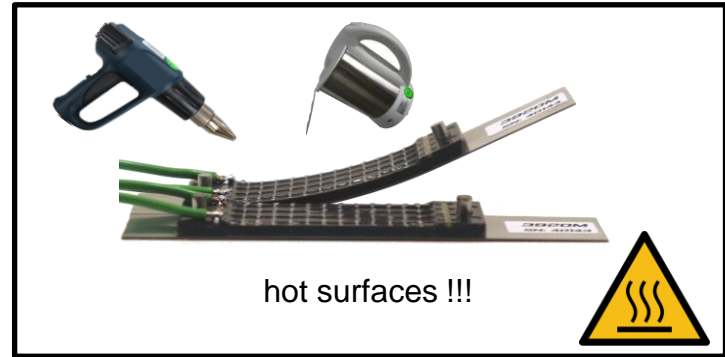
Sample Actuator *Curve*® – application notes



Curve® plugged



Curve® unplugged



Activation by heating current / max time:
e.g. 3A/15s; 4A/4s; 5A/1.3s
for a cooled down actuator in calm air
at room temperature

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 guideline for a cooled down actuator in calm air at room temperature:**
 - **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