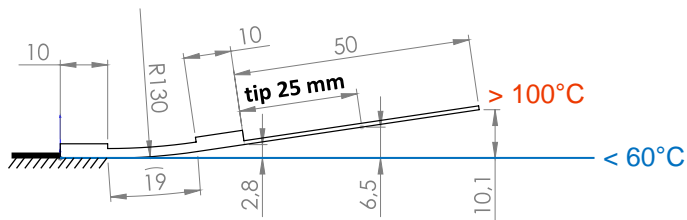


# Datasheet Actuator: *Curve*® plugged A1950E24

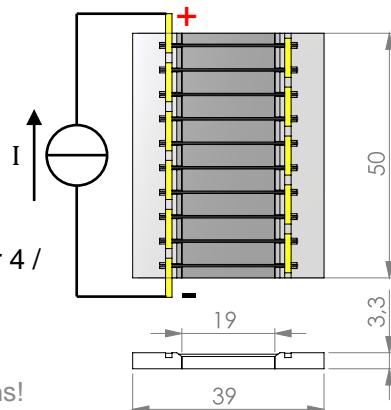
- Active length: **19 mm**
- Module size: 39 mm x 50 mm x 3.3 mm
- Bending: low (**E24**)
- Weight: 9.1 g + hosting structure
- Hosting structure: steel + rivets, **tip 25 mm**  
size 74 x 50 x 0.50 mm<sup>3</sup>
- Load range with high cycling stability (> 300.000)
  - at module edge: 3450 g
  - at 25 mm: 1850 g**
  - at 50 mm: 1270 g

## Actuator A1950E24



## M1950E24 – Actuator Module only

- Operating mode: **plugged**
- Thermal activation by: resistive heating
- Electronic circuit: all wires in series
- Resistivity: 1 Ohm
- Full Activation (DC): e.g. 3 A for 15 s / 4 A for 4 / 5 A for 1.3 s



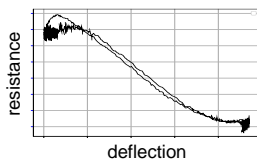
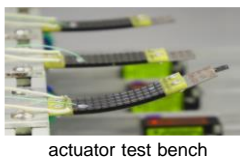
© CompActive GmbH

All values are only estimations!

# Customized, high-performance actuators by ...

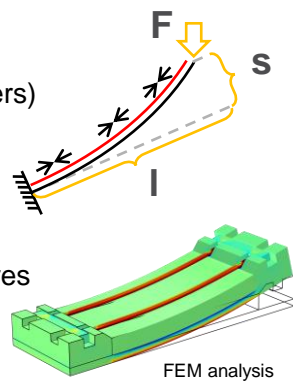
## ... high-tech solutions

- reliable load transfer
- proven cycle stability
- injection molded frame elements
- special SMA material specifications
- high temperature FRP
- self-sensing capability



## ... individual design

- substrate (metals, polymers)
- size
- deflection
- load / cycles
- wire material / temperatures
- electrical resistance



## ... customized mechanical fixation

- adhesive films
- liquid adhesives
- bolts, rivets, screws
- plug-on

## ... various electrical connection

- crimping
- soldering
- plugging in
- welding



© CompActive GmbH