

# R-Box 20/21

## Programmable Resistance Decade

Simulation of "real" ohmic resistors.  
The ideal module for use in a laboratory and in automated environments.



### Product Information

- › Double channel programmable resistance decade
- › For use in laboratories and inside automated environments
- › Simulation of resistance-based sensors (PTC, NTC)
- › Variable connection of inputs and outputs (pull-up, pull-down) electronic devices
- › 256 resistance values can be stored for each channel in the internal memory
- › The control is provided either via LAN, USB, RS232 or CAN



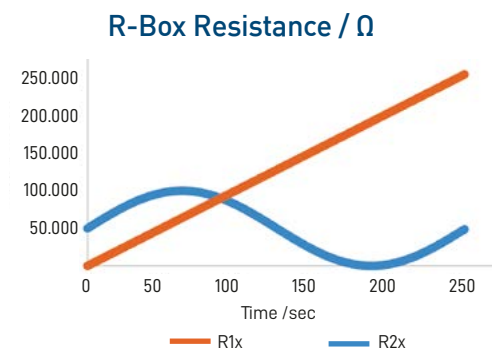
### Function, Application

- › Simulation of "real" ohmic resistors
- › Simulation of resistive sensors in test systems: thermistors or resistance temperature sensors, temperature sensors: NTC, PTC, hall sensors, pressure sensors and other sensors operating with resistive characteristic
- › HiL-application
- › 2 independent, potential-free channels
- › Resistance range 0-266 k $\Omega$ , R= $\infty$ , resolution 1  $\Omega$
- › Uninterrupted switchover
- › Storage and output of resistance effects per channel
- › Digital I/O for functional control and free use
- › Remote control



### Technical Data

- › Power supply: 9...38V DC/400mA
- › Operating temperature: 10 – 50 °C
- › Range: 0 - 266 665 $\Omega$ ,  $\infty$  (open)
- › Resolution: 1 $\Omega$



**We guarantee safety for your production.**



**Sebastian Zimmermann**  
Sales Machine Building  
☎ +49 711 217 45-251  
☎ +49 172 2716893  
✉ sebastian.zimmermann@encontec.de

**encontec GmbH**  
Machine Building  
Stuttgarter Strasse 83 | 71554 Weissach im Tal  
[info@encontec.de](mailto:info@encontec.de) | [www.encontec.de](http://www.encontec.de)

Members of the corporate group

