

## Simex Declaration of Accuracy of TRS line devices

The TRS line devices are produced using Surface Mounted Device (SMD) assembling technique. Each product has been through complete quality assurance and calibration testing measures. Management system of Simex Ltd. has been found to conform to the Quality Management System standard ISO 9001:2008 for the following scope: design, manufacture and sale of industrial control and measuring equipment and providing services in scope of the integration of automatic control system.

The TRS line devices (TRS-xxa) are rated to the following temperature and humidity specifications.

TRS-01a: Temperature: range  $-40\text{ °C} \div 80\text{ °C}$ , error  $\pm 0,5\text{ °C}$  @  $-10\text{ °C} \div 50\text{ °C}$

TRS-04a: Temperature and humidity: range  $-40\text{ °C} \div 70\text{ °C}$ , error  $\pm 0,5\text{ °C}$  @  $25\text{ °C}$   
range  $0 \div 100\%$  RH, error  $\pm 2\%$  RH @  $25\text{ °C}$

TRS-11a: Temperature: range  $-40\text{ °C} \div 85\text{ °C}$ , error  $\pm 0,5\text{ °C}$  @  $-10\text{ °C} \div 50\text{ °C}$

Simex TRS line devices are calibrated for temperature and humidity in Thermo-Hygrometer type LB-702 produced by LAB-EL serial No. 1739, having calibration certificate valid at about 35% RH,  $25\text{ °C}$  (depends on the individual measurements) and are rated  $\pm 2\%$  RH,  $\pm 0,5\text{ °C}$  for TRS-04a,  $\pm 0,5\text{ °C}$  for TRS-01a and TRS-11a @  $25\text{ °C}$  at time of calibration. The TRS line devices are traceable from production to sales stage.

Simex Ltd.  
Quality Department

### SIMEX Ltd.

Wielopole 11  
80-556 Gdańsk, POLAND  
tel. (+48) 58 762-07-77  
fax (+48) 58 762-07-70  
e-mail: [info@simex.pl](mailto:info@simex.pl)  
[www.simex.pl](http://www.simex.pl)

