

## Press Release

### “Under high voltage“ precise and stable - the new Metallux high voltage resistors

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Metallux AG based in Korb near Stuttgart added some new designs to its high voltage resistor portfolio. With increased performance requirements often coupled with reduced space, precision, stability and electric strength are greatly valued.

Amongst a variety of different resistors for all branches and areas, the new high precision resistor HPR, out of the Metallux high voltage resistor family, offers high long term stability together with low tolerance.

#### Features

Model HPR 968 offers with a diameter of 8mm a variety of resistor values from 1M – 50G Ohm and lengths ranging from 27,0mm up to 153mm. Tolerance values of 0,1% to 1% are possible. An extremely good temperature coefficient starts at 10ppm/K. A VCR of typical <0,75 ppm/V with the HPR 968.2 up to <0,08 ppm/V distinguishes this model.



Photo: Metallux HPR 968

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#### Various possibilities of applications

Metallux high voltage resistors and high voltage divider in thick film technology are due to their absolute precision and superb temperature stability especially suited for following applications:

Medical technology (x-ray systems, ct-scanner)  
Industry (industrial x-ray of components)  
Security technology (airports, border crossings)  
Research (mass spectrometer, particle accelerator)  
Wind energy (precision resistors)  
Solar energy (invertors)

#### About Metallux

Metallux is a high performance manufacturer of electronic components in Thick-Film Technology. The comprehensive product portfolio consists apart from Standard Pressure-, Linear-, Rotary- as well as Foil Sensors, High Voltage- and Power Resistors to custom specific complete solutions as well as Potentiometers and Joysticks. Customer orientated solutions and the right ideas result in satisfied customers.

Innovative products together with long term experience - numerous well known customers ranging from the automotive, electrostatic, medical, industrial and sensoric industry rely for more than 22 years on the company situated near Stuttgart, Germany.

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