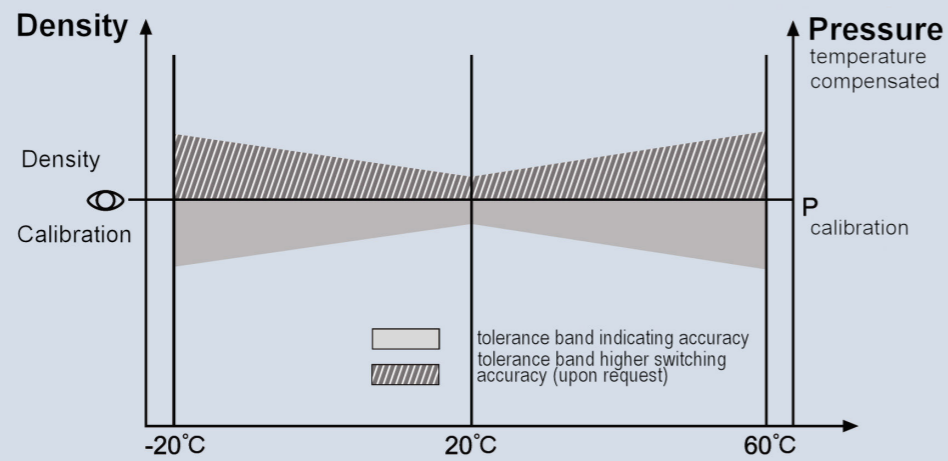


Indication accuracy of the calibration pressure



ACCURACY



IMPROVEMENT

Gas density monitors with local indicator and alarm contacts

Gas density monitors with local indicator and alarm contacts combine the indicator and switching function. Each gas density monitor is adjusted individually to its calibration pressure. In order to define the bimetal compensation exactly, ENERGIE uses a computer-controlled adjustment machine. Apart from considering the calibration pressure this machine also takes into account the different factors influencing the instrument, for example, the bourdon tube and the characteristic data of the bimetal used for temperature compensation. The class accuracy is $\pm 2.5\%$ within the temperature range $-20\text{C} \dots 60\text{C}$. The switching accuracy is $\pm 2.5\%$. The information concerning the switching accuracy refers to the calibration pressure. For further explanations, please refer to the chapter accuracy and calibration pressure.

Gas density indicators

These instruments indicate the temperature-compensated SF6 gas pressure. They are adjusted individually to their calibration pressure. The accuracy is $\pm 2.5\%$ within the temperature range $-20 \dots 60\text{C}$. These figures refer to the calibration pressure. For further details as to the selection of the calibration pressure, please refer to the chapter accuracy and calibration pressure.

