

Current Calibration Info

General

Calibration date Fri Jul 8 14:24:31 2022

Calibrated sensor

Sensor name ARAMIS 4M (FG)
Measuring volume Adjustable measuring volume
Camera support Adjustable base 500
Working distance 780 mm
Camera angle 25°
Camera distance 318 mm
Serial number no identifier

Calibration object

Object type Panel (coded)
Name GOM-CP20-MV55x44
Calibration scale Distance 1: 47.521 mm
Distance 2: 47.526 mm
Certification temperature 20.0 °C
Expansion coefficient $4.00 \times 10^{-6} \text{ K}^{-1}$
Calibration temperature 20.0 °C

Calibration settings

Camera lenses 100.00 mm
Snap mode Single snap
Max. ellipse residual 0.088 (gray value adjustment)

Calibration Result

Calibration deviation 0.021 Pixels
Calibration deviation (check) OK (limit value: 0.050 Pixels)
Scale discrepancy 0.004 mm
Scale discrepancy (check) OK (limit value: 0.005 mm)
Camera angle 25.5°
Height variance 77 mm
Measuring volume 95 / 70 / 50 mm