

| Sensor type | | CSG0,50-CAM2,0 | CSG1,00-CAM2,0 |
|------------------------------|------------------|-------------------|-------------------|
| Article No. | | 6610112 | 6610111 |
| Measuring range | Standard | 0.5 mm | 1 mm |
| Gap width ¹⁾ | | 0.9 ... 1.9 mm | 0.9 ... 2.9 mm |
| Linearity ²⁾ | | ≤ ±0.5 μm | ≤ ±1 μm |
| Resolution ²⁾³⁾ | static 2 Hz | 4 nm | 8 nm |
| | dynamic 8.5 kHz | 90 nm | 180 nm |
| Temperature stability | Zero | -50 nm/K | -50 nm/K |
| | Sensitivity | -20 nm/K | -40 nm/K |
| Temperature range | Operation | -50 ... +100 °C | -50 ... +100 °C |
| | Storage | -50 ... +100 °C | -50 ... +100 °C |
| Humidity ³⁾ | | 0 ... 95 % | 0 ... 95 % |
| Dimensions (without housing) | | 200 x 15 x 0.9 mm | 200 x 15 x 0.9 mm |
| Active measuring area | | 3 x 4.3 mm | 4.2 x 5.1 mm |
| Guard ring width | | 2.7 mm | 2.2 mm |
| Minimum target diameter | | approx. 7 x 8 mm | approx. 8 x 9 mm |
| Weight | | 77 g | 77 g |
| Material | Housing | 1.4301 | 1.4301 |
| | Sensor | FR4 | FR4 |
| Connection | Cable integrated | 2 m | 2 m |

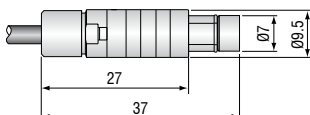
¹⁾ Sensor width + measuring range on both sides

²⁾ RMS value of the signal noise

³⁾ Valid with controller DT6530

⁴⁾ Non condensing

Connector type B



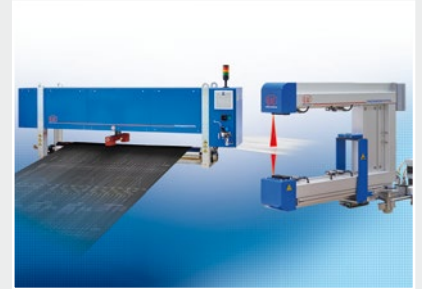
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