



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⁾		$\leq \pm 0.5 \mu\text{m}$	$\leq \pm 1 \mu\text{m}$
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

