

















Type of uncer- tainty	Description	Quantity x <sub>i</sub>	Standard uncertainty $u(x_i)$	Sensitivity coefficient c <sub>i</sub>	Standard uncertainty, fixed component (mm)	Standar uncertainty proportiona componen (µm × L L in m
A	21 distances from the		from			
	adjustments (including	from 30 m	0.068 mm to		from 0.068	0.00
В	centring and levelling) scale from Nummela	to 1080 m 1.000000000	0.163 mm 0.00000086	1	to 0.163 0.000	0.00
B	projection measurements	0 mm	0.070 mm		0.000	0.08
B	EDM scale correction	1.000000151	0.000000049	í í	0.000	0.04
B	EDM additive constant	0.079 mm	0.014 mm	1	0.014	0.00
B	temperature observations	from 279.8 K	0.014 mm		0.014	0.00
	temperature coser rations	to 289.4 K	0.30 K	1×10 <sup>-6</sup> K <sup>-1</sup> L	0.000	0.30
В	temperature instruments	0 K	0.11 K	1×10 <sup>-6</sup> K <sup>-1</sup> L	0.000	0.11
В	pressure observations	from 94.62 kPa				
		to 95.32 kPa	20 Pa	3×10 <sup>-9</sup> Pa <sup>-1</sup> L	0.000	0.06
В	pressure instruments	0 Pa	10 Pa	3×10 <sup>-9</sup> Pa <sup>-1</sup> L	0.000	0.03
В	humidity observations	from 42 %				
		to 92 %	2 %	1×10 <sup>-8</sup> % <sup>-1</sup> L		0.02
						0.34
B as Ve		from 42 % to 92 % e determina s a major so	2 % tion of the purce of ur	1×10 <sup>*</sup> % <sup>-1</sup> L e environmencertainty c	0.000 from 0.098 to 0.178 ental condi	0.0 0.1 tions fo ment





