

Accredited entity according to ČSN EN ISO/IEC 17025:2018:

SEC electronic s.r.o.
Facility No. 2356, Calibration Laboratory
Arnošta z Pardubic 2762, 530 02 Pardubice

CMC for the field of measured quantity: Temperature

Ord. number ₁	Calibrated quantity / Subject of calibration	Nominal range				Parameter(s) of the meas. quantity	Lowest expanded measurement uncertainty specified ²	Calibration principle	Calibration procedure identification ³	Work place
		min.	unit	max.	unit					
1	Resistance thermometers without RTD	Pt 100-385	-200 °C	to	-130 °C		0.050 °C	Direct generation with a standard resistor	SEC-KM-°C	
			-130 °C	to	-100 °C		0.065 °C			
			-100 °C	to	0 °C		0.075 °C			
			0 °C	to	100 °C		0.090 °C			
			100 °C	to	300 °C		0.13 °C			
			300 °C	to	400 °C		0.14 °C			
			400 °C	to	500 °C		0.17 °C			
			500 °C	to	700 °C		0.21 °C			
		700 °C	to	850 °C		0.24 °C				
		Pt 100-3916	-100 °C	to	0 °C		0.070 °C			
			0 °C	to	100 °C		0.090 °C			
			100 °C	to	200 °C		0.11 °C			
			200 °C	to	450 °C		0.16 °C			
		Pt 100-3920	-200 °C	to	-80 °C		0.050 °C			
			-80 °C	to	0 °C		0.070 °C			
			0 °C	to	100 °C		0.085 °C			
			100 °C	to	200 °C		0.11 °C			
			200 °C	to	400 °C		0.14 °C			
		Pt 500	400 °C	to	600 °C		0.19 °C			
			-200 °C	to	-130 °C		0.040 °C			
-130 °C	to		-100 °C		0.045 °C					
-100 °C	to		0 °C		0.060 °C					
		0 °C	to	100 °C		0.080 °C				

Accredited entity according to ČSN EN ISO/IEC 17025:2018:

SEC electronic s.r.o.
 Facility No. 2356, Calibration Laboratory
 Arnošta z Pardubic 2762, 530 02 Pardubice

Ord. number 1	Calibrated quantity / Subject of calibration	Nominal range		Parameter(s) of the meas. quantity	Lowest expanded measurement uncertainty specified ²	Calibration principle	Calibration procedure identification ³	Work place
		min. unit	max. unit					
		100 °C	to 300 °C		0.10 °C			
		300 °C	to 400 °C		0.12 °C			
		400 °C	to 500 °C		0.14 °C			
		500 °C	to 700 °C		0.18 °C			
		700 °C	to 850 °C		0.22 °C			
	Pt 1000	-200 °C	to -150 °C		0.040 °C			
		-150 °C	to -100 °C		0.050 °C			
		-100 °C	to 0 °C		0.055 °C			
		0 °C	to 100 °C		0.070 °C			
		100 °C	to 300 °C		0.10 °C			
		300 °C	to 400 °C		0.12 °C			
		400 °C	to 500 °C		0.14 °C			
		500 °C	to 700 °C		0.18 °C			
		700 °C	to 850 °C		0.21 °C			
	Cu 10	-200 °C	to -30 °C		0.40 °C			
		-30 °C	to 100 °C		0.45 °C			
		100 °C	to 260 °C		0.47 °C			
	Ni 120	-80 °C	to 10 °C		0.055 °C			
		10 °C	to 260 °C		0.060 °C			
	Ni 1000	-50 °C	to 70 °C		0.050 °C			
		70 °C	to 200 °C		0.055 °C			
2	Sensing part of resistance thermometers					Direct measurement by a standard multimeter	SEC-KM-°C	
	Pt 100-385	-200 °C	to -80 °C		0.032 °C			
		-80 °C	to 100 °C		0.075 °C			
		100 °C	to 400 °C		0.080 °C			

Accredited entity according to ČSN EN ISO/IEC 17025:2018:

SEC electronic s.r.o.
Facility No. 2356, Calibration Laboratory
Arnošta z Pardubic 2762, 530 02 Pardubice

Ord. number 1	Calibrated quantity / Subject of calibration	Nominal range		Parameter(s) of the meas. quantity	Lowest expanded measurement uncertainty specified ²	Calibration principle	Calibration procedure identification ³	Work place
		min. unit	max. unit					
	Pt 100-3916	400 °C	to 700 °C		0.090 °C			
		700 °C	to 850 °C		0.10 °C			
	Pt 100-3916	-100 °C	to -70 °C		0.032 °C			
		-70 °C	to 10 °C		0.070 °C			
		10 °C	to 200 °C		0.075 °C			
		200 °C	to 450 °C		0.082 °C			
	Pt 100-3920	-200 °C	to -70 °C		0.030 °C			
		-70 °C	to 100 °C		0.072 °C			
		100 °C	to 400 °C		0.080 °C			
		400 °C	to 600 °C		0.090 °C			
	Pt 500	-200 °C	to 100 °C		0.038 °C			
		100 °C	to 400 °C		0.12 °C			
		400 °C	to 850 °C		0.15 °C			
	Pt 1000	-200 °C	to -50 °C		0.035 °C			
		-50 °C	to 500 °C		0.070 °C			
		500 °C	to 850 °C		0.080 °C			
Cu 10, Ni 120	-200 °C	to 260 °C		0.32 °C				
	-80 °C	to -30 °C		0.040 °C				
	-30 °C	to 10 °C		0.055 °C				
	10 °C	to 260 °C		0.050 °C				
Ni 1000	-50 °C	to -20 °C		0.035 °C				
	-20 °C	to 70 °C		0.050 °C				
	70 °C	to 200 °C		0.045 °C				

Accredited entity according to ČSN EN ISO/IEC 17025:2018:

SEC electronic s.r.o.
 Facility No. 2356, Calibration Laboratory
 Arnošta z Pardubic 2762, 530 02 Pardubice

Ord. number ¹	Calibrated quantity / Subject of calibration	Nominal range		Parameter(s) of the meas. quantity	Lowest expanded measurement uncertainty specified ²	Calibration principle	Calibration procedure identification ³	Work place
		min. unit	max. unit					
3	Thermocouple temperature sensors					Direct generation and measurement with a standard calibrator and multimeter – without cold junction ⁴ compensation	SEC-KM-°C	
	type “R”	-40 °C	to -30 °C		1.8 °C			
		-30 °C	to 20 °C		1.5 °C			
		20 °C	to 90 °C		1.1 °C			
		90 °C	to 300 °C		0.90 °C			
		300 °C	to 500 °C		0.72 °C			
		500 °C	to 600 °C		0.65 °C			
		600 °C	to 1,700 °C		0.60 °C			
	type “S”	-40 °C	to 0 °C		1.5 °C			
		0 °C	to 100 °C		1.1 °C			
		100 °C	to 500 °C		0.80 °C			
		500 °C	to 1,700 °C		0.65 °C			
	type “D”	0 °C	to 50 °C		0.72 °C			
		50 °C	to 100 °C		0.56 °C			
		100 °C	to 1,000 °C		0.40 °C			
		1,000 °C	to 2,400 °C		0.90 °C			
	type “U”	-190 °C	to -90 °C		0.37 °C			
		-90 °C	to -20 °C		0.26 °C			
		-20 °C	to 0 °C		0.21 °C			
		0 °C	to 600 °C		0.17 °C			
	type “L”	-190 °C	to -110 °C		0.26 °C			
		-100 °C	to -20 °C		0.21 °C			
		-20 °C	to 600 °C		0.17 °C			
		600 °C	to 900 °C		0.14 °C			

Accredited entity according to ČSN EN ISO/IEC 17025:2018:

SEC electronic s.r.o.
Facility No. 2356, Calibration Laboratory
Arnošta z Pardubic 2762, 530 02 Pardubice

Ord. number 1	Calibrated quantity / Subject of calibration	Nominal range		Parameter(s) of the meas. quantity	Lowest expanded measurement uncertainty specified ²	Calibration principle	Calibration procedure identification ³	Work place
		min. unit	max. unit					
	type "N"	-250 °C	to -200 °C		2.4 °C			
		-200 °C	to -130 °C		0.72 °C			
		-130 °C	to -100 °C		0.35 °C			
		-100 °C	to 50 °C		0.30 °C			
		50 °C	to 200 °C		0.26 °C			
		200 °C	to 1,300 °C		0.22 °C			
	type "C"	0 °C	to 50 °C		0.56 °C			
		50 °C	to 100 °C		0.49 °C			
		100 °C	to 200 °C		0.43 °C			
		200 °C	to 1,200 °C		0.41 °C			
		1,200 °C	to 1,400 °C		0.46 °C			
		1,400 °C	to 1,600 °C		0.52 °C			
		1,600 °C	to 1,800 °C		0.56 °C			
		1,800 °C	to 2,000 °C		0.60 °C			
		2,000 °C	to 2,300 °C		0.80 °C			
	type "B"	100 °C	to 150 °C		7.1 °C			
		150 °C	to 200 °C		3.6 °C			
		200 °C	to 300 °C		2.4 °C			
		300 °C	to 500 °C		1.5 °C			
		500 °C	to 800 °C		0.90 °C			
		800 °C	to 1,000 °C		0.80 °C			
		1,000 °C	to 1,400 °C		0.65 °C			
		1,400 °C	to 1,800 °C		0.60 °C			
	type "E"	-250 °C	to -220 °C		0.72 °C			
		-220 °C	to -205 °C		0.39 °C			
		-205 °C	to -200 °C		0.29 °C			

Accredited entity according to ČSN EN ISO/IEC 17025:2018:

SEC electronic s.r.o.
Facility No. 2356, Calibration Laboratory
Arnošta z Pardubic 2762, 530 02 Pardubice

Ord. number ¹	Calibrated quantity / Subject of calibration	Nominal range		Parameter(s) of the meas. quantity	Lowest expanded measurement uncertainty specified ²	Calibration principle	Calibration procedure identification ³	Work place
		min. unit	max. unit					
		-200 °C	to -100 °C		0.19 °C			
		-100 °C	to 50 °C		0.17 °C			
		50 °C	to 1,000 °C		0.14 °C			
	type "T"	-250 °C	to -220 °C		1.1 °C			
		-220 °C	to -205 °C		0.56 °C			
		-205 °C	to -200 °C		0.46 °C			
		-200 °C	to -100 °C		0.27 °C			
		-100 °C	to 0 °C		0.23 °C			
		0 °C	to 200 °C		0.19 °C			
		200 °C	to 400 °C		0.16 °C			
	type "K"	-260 °C	to -245 °C		2.4 °C			
		-245 °C	to -205 °C		1.1 °C			
		-205 °C	to -150 °C		0.46 °C			
		-150 °C	to -10 °C		0.26 °C			
		-10 °C	to 1,350 °C		0.23 °C			
	type "J"	-200 °C	to -155 °C		0.34 °C			
		-155 °C	to -110 °C		0.24 °C			
		-110 °C	to -5 °C		0.20 °C			
		-5 °C	to 1,150 °C		0.17 °C			

¹ Asterisk at the ordinal number identifies the calibrations, which the Laboratory is qualified to carry out outside the permanent laboratory premises.

² The expanded measurement uncertainty is in accordance with ILAC-P14 and EA-4/02 M part of CMC, and it is the lowest value of the respective uncertainty. If not stated otherwise, its coverage probability is approx. 95 %. If not stated otherwise, the uncertainty values stated without a unit are relative to the value measured. The uncertainty value stated herein is based on the best conditions achievable by the laboratory; the uncertainty value of a specific calibration may be higher, depending on the conditions of such a calibration. For identical extreme values of adjacent ranges, the lower uncertainty value always applies.

³ If the document identifying the calibration procedure is dated, only these specific procedures are used. If the document identifying the calibration procedure is not dated, the latest edition of the specified procedure is used (including any changes).

⁴ When calibrating cold-point compensated thermocouples, the effect of the compensation line and the cold-point uncertainty must be taken into account.

Accredited entity according to ČSN EN ISO/IEC 17025:2018:

SEC electronic s.r.o.
 Facility No. 2356, Calibration Laboratory
 Arnošta z Pardubic 2762, 530 02 Pardubice

CMC for the field of measured quantity: Electrical quantities

Ord. number 1	Calibrated quantity / Subject of calibration	Nominal range				Parameter(s) of the meas. quantity	Lowest expanded measurement uncertainty specified ²	Calibration principle	Calibration procedure identification ³	Work-place
		min.	unit	max.	unit					
1*	DC voltage / Power supplies, high voltage test sources (up to 50 kV), calibrators, instruments for certified electricians			1 mV			2.7 μV	Direct measurement by a standard multimeter	SEC-KM-UDC	
				10 mV			2.7 μV			
				100 mV			3 μV			
				1 V			0.0016 %			
		10 V			0.0015 %					
		100 V			0.0017 %					
		1,000 V			0.0020 %					
		0 mV	to	200 mV			6 μV	Measurement by a standard multimeter with a resistance divider		
		200 mV	to	2 V			0.0032 %			
		2 V	to	20 V			0.0030 %			
		20 V	to	200 V			0.0034 %			
		200 V	to	1,100 V			0.0040 %			
		1,100 V	to	50 kV			1.5 %			
	DC voltage / Analogue and digital voltmeters, multimeters, tong-test meters, oscilloscopes			100 μV			2.7 μV	Comparison with a standard multimeter		
				1 mV			2.7 μV			
				10 mV			3 μV			
				100 mV			0.0030 %			
				1 V			0.0020 %			
				10 V			0.0020 %			
				100 V			0.0020 %			

Accredited entity according to ČSN EN ISO/IEC 17025:2018:

SEC electronic s.r.o.
Facility No. 2356, Calibration Laboratory
Arnošta z Pardubic 2762, 530 02 Pardubice

Ord. number 1	Calibrated quantity / Subject of calibration	Nominal range				Parameter(s) of the meas. quantity	Lowest expanded measurement uncertainty specified ²	Calibration principle	Calibration procedure identification ³	Work-place
		min.	unit	max.	unit					
				1,000 V			0.0025 %			
		0 mV	to	200 mV			6 μV			
		200 mV	to	2 V			0.0040 %			
		2 V	to	20 V			0.0040 %			
		20 V	to	200 V			0.0040 %			
		200 V	to	1,100 V			0.0050 %			
		1100 V	to	6000 V			1.5 %	Comparison with a standard multimeter with a resistance divider		
2*	Direct-current / Power-supplies, calibrators, instruments for certified electricians			10 μA			0.042 %	Direct measurement by a standard multimeter	SEC-KM-IDC	
				100 μA			0.0075 %			
				1 mA			0.0075 %			
				10 mA			0.0075 %			
				100 mA			0.013 %			
				1 A			0.022 %			
				1 A			0.0090 %			
				10 A			0.010 %			
				20 A			0.030 %			
				100 A			0.050 %			
		0 μA	to	10 μA			0.050 % + 3.4 nA			
		10 μA	to	200 μA			0.015 %			
		200 μA	to	2 mA			0.015 %			
		2 mA	to	20 mA			0.015 %			
		20 mA	to	200 mA			0.026 %			
		200 mA	to	2 A			0.044 %			
		2 A	to	10 A			0.020 %			

Accredited entity according to ČSN EN ISO/IEC 17025:2018:

SEC electronic s.r.o.
Facility No. 2356, Calibration Laboratory
Arnošta z Pardubic 2762, 530 02 Pardubice

Ord. number 1	Calibrated quantity / Subject of calibration	Nominal range				Parameter(s) of the meas. quantity	Lowest expanded measurement uncertainty specified ²	Calibration principle	Calibration procedure identification ³	Work-place
		min.	unit	max.	unit					
		10 A	to	20 A		0.040 %				
		20 A	to	100 A		0.10 %				
	Direct-current / Analogue and digital ammeters, multimeters, tong-test meters			10 µA		0.042 %	Comparison with a standard multimeter			
				100 µA		0.014 %				
				1 mA		0.014 %				
				10 mA		0.014 %				
				100 mA		0.014 %				
				1 A		0.028 %				
				10 A		0.042 %				
				20 A		0.042 %				
				30 A		0.10 %				
				90 A		0.20 %				
			0 µA	to	10 µA					0.050 % + 3.4 nA
			10 µA	to	200 µA					0.028 %
			200 µA	to	2 mA					0.028 %
		2 mA	to	20 mA		0.028 %				
		20 mA	to	200 mA		0.028 %				
		200 mA	to	2 A		0.056 %				
		2 A	to	20 A		0.084 %	Comparison with a standard multimeter with a shunt			
		20 A	to	90 A		0.20 %				
		90 A	to	1.0 kA		0.50 %	Comparison with a standard clamp multimeter			

Accredited entity according to ČSN EN ISO/IEC 17025:2018:

SEC electronic s.r.o.
Facility No. 2356, Calibration Laboratory
Arnošta z Pardubic 2762, 530 02 Pardubice

Ord. number 1	Calibrated quantity / Subject of calibration	Nominal range				Parameter(s) of the meas. quantity	Lowest expanded measurement uncertainty specified ²	Calibration principle	Calibration procedure identification ³	Work-place
		min.	unit	max.	unit					
3*	AC voltage / Power supplies, high voltage test sources (up to 50 kV), calibrators, instruments for certified electricians	1 mV				10 Hz to 40 Hz	25 μ V	Direct measurement by a standard multimeter	SEC-KM-UAC	
						40 Hz to 10 kHz	11 μ V			
						10 kHz to 30 kHz	35 μ V			
						30 kHz to 100 kHz	93 μ V			
		10 mV				10 Hz to 40 Hz	25 μ V			
						40 Hz to 10 kHz	11 μ V			
						10 kHz to 30 kHz	35 μ V			
						30 kHz to 100 kHz	95 μ V			
		100 mV				10 Hz to 40 Hz	0.031 %			
						40 Hz to 10 kHz	0.020 %			
						10 kHz to 30 kHz	0.058 %			
						30 kHz to 100 kHz	0.14 %			
		1 V				10 Hz to 40 Hz	0.018 %			
						40 Hz to 10 kHz	0.015 %			
						10 kHz to 30 kHz	0.030 %			
						30 kHz to 100 kHz	0.085 %			
10 V				100 kHz to 300 kHz	0.58 %					
				300 kHz to 1 MHz	3.5 %					
				10 Hz to 40 Hz	0.018 %					
				40 Hz to 10 kHz	0.015 %					
				10 kHz to 30 kHz	0.030 %					
				30 kHz to 100 kHz	0.085 %					
				100 kHz to 300 kHz	0.58 %					
				300 kHz to 1 MHz	3.5 %					

Accredited entity according to ČSN EN ISO/IEC 17025:2018:

SEC electronic s.r.o.
Facility No. 2356, Calibration Laboratory
Arnošta z Pardubic 2762, 530 02 Pardubice

Ord. number 1	Calibrated quantity / Subject of calibration	Nominal range				Parameter(s) of the meas. quantity	Lowest expanded measurement uncertainty specified ²	Calibration principle	Calibration procedure identification ³	Work-place
		min.	unit	max.	unit					
				100 V		10 Hz to 40 Hz 40 Hz to 10 kHz 10 kHz to 30 kHz 30 kHz to 100 kHz 100 kHz to 300 kHz	0.018 % 0.015 % 0.030 % 0.085 % 0.60 %			
				1,000 V		10 Hz to 40 Hz 40 Hz to 10 kHz 10 kHz to 30 kHz 30 kHz to 100 kHz	0.034 % 0.030 % 0.045 % 0.095 %			
		1 mV	to	10 mV		10 Hz to 40 Hz 40 Hz to 10 kHz 10 kHz to 30 kHz 30 kHz to 100 kHz	35 μV 22 μV 60 μV 95 μV			
		10 mV	to	100 mV		10 Hz to 40 Hz 40 Hz to 10 kHz 10 kHz to 30 kHz 30 kHz to 100 kHz	0.062 % 0.040 % 0.11 % 0.28 %			
		100 mV	to	200 mV		10 Hz to 40 Hz 40 Hz to 10 kHz 10 kHz to 30 kHz 30 kHz to 100 kHz 100 kHz to 300 kHz 300 kHz to 1 MHz	0.062 % 0.040 % 0.11 % 0.28 % 1.2 % 7.0 %			
		200 mV	to	20 V		10 Hz to 40 Hz 40 Hz to 10 kHz 10 kHz to 30 kHz 30 kHz to 100 kHz	0.036 % 0.030 % 0.060 % 0.17 %			

Accredited entity according to ČSN EN ISO/IEC 17025:2018:

SEC electronic s.r.o.
Facility No. 2356, Calibration Laboratory
Arnošta z Pardubic 2762, 530 02 Pardubice

Ord. number 1	Calibrated quantity / Subject of calibration	Nominal range				Parameter(s) of the meas. quantity	Lowest expanded measurement uncertainty specified ²	Calibration principle	Calibration procedure identification ³	Work-place
		min.	unit	max.	unit					
		20 V	to	200 V	100 kHz to 300 kHz	1.2 %	Measurement with a standard multimeter with a HV divider			
					300 kHz to 1 MHz	7.0 %				
					10 Hz to 40 Hz	0.036 %				
					40 Hz to 10 kHz	0.030 %				
					10 kHz to 30 kHz	0.060 %				
		200 V	to	1,100 V	30 kHz to 100 kHz	0.17 %				
					100 kHz to 300 kHz	1.2 %				
					10 Hz to 40 Hz	0.068 %				
					40 Hz to 10 kHz	0.060 %				
					10 kHz to 30 kHz	0.090 %				
1 kV	to	50 kV	30 kHz to 100 kHz	0.19 %						
			50 Hz	1.5 %						
			AC voltage / Analogue and digital voltmeters, multimeters, tong-test meters, oscilloscopes		1 mV	10 Hz to 30 Hz	13 μV	Comparison with a standard multimeter		
						30 Hz to 30 kHz	13 μV			
						30 kHz to 100 kHz	13 μV			
100 kHz to 300 kHz	2.7 %									
300 kHz to 1 MHz	4.7 %									
10 mV		10 mV	10 Hz to 30 Hz	18 μV						
			30 Hz to 30 kHz	17 μV						
			30 kHz to 100 kHz	22 μV						
			100 kHz to 300 kHz	0.53 %						
			300 kHz to 1 MHz	1.6 %						
100 mV		100 mV	10 Hz to 30 Hz	0.070 %						
			30 Hz to 30 kHz	0.060 %						

Accredited entity according to ČSN EN ISO/IEC 17025:2018:

SEC electronic s.r.o.
Facility No. 2356, Calibration Laboratory
Arnošta z Pardubic 2762, 530 02 Pardubice

Ord. number 1	Calibrated quantity / Subject of calibration	Nominal range				Parameter(s) of the meas. quantity	Lowest expanded measurement uncertainty specified ²	Calibration principle	Calibration procedure identification ³	Work-place
		min.	unit	max.	unit					
						30 kHz to 100 kHz	0.12 %			
						100 kHz to 300 kHz	0.32 %			
						300 kHz to 1 MHz	1.2 %			
				1 V		10 Hz to 30 Hz	0.047 %			
						30 Hz to 30 kHz	0.030 %			
						30 kHz to 100 kHz	0.045 %			
						100 kHz to 300 kHz	0.17 %			
						300 kHz to 1 MHz	0.93 %			
				10 V		10 Hz to 30 Hz	0.047 %			
						30 Hz to 30 kHz	0.030 %			
						30 kHz to 100 kHz	0.045 %			
						100 kHz to 300 kHz	0.17 %			
						300 kHz to 1 MHz	0.93 %			
				100 V		10 Hz to 30 Hz	0.047 %			
						30 Hz to 30 kHz	0.030 %			
						30 kHz to 100 kHz	0.047 %			
				1,000 V		45 Hz to 33 Hz	0.059 %			
		1 mV	to	10 mV		10 Hz to 30 Hz	36 μV			
						30 Hz to 30 kHz	34 μV			
						30 kHz to 100 kHz	44 μV			
						100 kHz to 300 kHz	5.0 %			
						300 kHz to 1 MHz	8.0 %			
		10 mV	to	200 mV		10 Hz to 30 Hz	0.14 %			
						30 Hz to 30 kHz	0.12 %			
						30 kHz to 100 kHz	0.24 %			
						100 kHz to 300 kHz	1.0 %			
						300 kHz to 1 MHz	3.2 %			

Accredited entity according to ČSN EN ISO/IEC 17025:2018:

SEC electronic s.r.o.
Facility No. 2356, Calibration Laboratory
Arnošta z Pardubic 2762, 530 02 Pardubice

Ord. number 1	Calibrated quantity / Subject of calibration	Nominal range				Parameter(s) of the meas. quantity	Lowest expanded measurement uncertainty specified ²	Calibration principle	Calibration procedure identification ³	Work-place
		min.	unit	max.	unit					
		200 mV	to	20 V		10 Hz to 30 Hz 30 Hz to 30 kHz 30 kHz to 100 kHz 100 kHz to 300 kHz 300 kHz to 1 MHz	0.090 % 0.060 % 0.090 % 0.70 % 2.0 %			
		20 V	to	200 V		10 Hz to 30 Hz 30 Hz to 30 kHz 30 kHz to 100 kHz	0.090 % 0.060 % 0.090 %			
		200 V	to	1,000 V		45 Hz to 30 kHz	0.11 %			
		1,000 V	to	5,000 V		50 Hz to 60 kHz	1.5 %			
4*	Alternating-current / Power-supplies, calibrators, instruments for certified electricians					10 Hz to 1 kHz	0.26 % 0.060 % 0.050 % 0.050 % 0.050 % 0.10 %	Direct measurement by a standard multimeter	SEC-KM-IAC	
						10 Hz to 1 kHz	0.070 % 0.070 % 0.075 %			
		10 μA	to	200 μA		10 Hz to 1 kHz	0.26 %			
		200 μA	to	200 mA			0.10 %			
		200 mA	to	2 A			0.20 %			

Accredited entity according to ČSN EN ISO/IEC 17025:2018:

SEC electronic s.r.o.
Facility No. 2356, Calibration Laboratory
Arnošta z Pardubic 2762, 530 02 Pardubice

Ord. number 1	Calibrated quantity / Subject of calibration	Nominal range				Parameter(s) of the meas. quantity	Lowest expanded measurement uncertainty specified ²	Calibration principle	Calibration procedure identification ³	Work-place
		min.	unit	max.	unit					
		2 A	to	50 A		10 Hz to 1 kHz	0.20 %	Direct measurement with a standard multimeter with a shunt		
	Alternating-current / Analogue and digital ammeters, multimeters, tong-test meters, instruments for certified electricians			10 µA		10 Hz to 1 kHz	0.35 %	Comparison with a standard multimeter	SEC-KM-IAC	
				100 µA			0.083 %			
				1 mA		0.066 %				
				10 mA		0.065 %				
				100 mA		0.065 %				
				1 A		0.085 %				
				10 A		10 Hz to 1 kHz	0.20 %	Comparison with a standard multimeter with a shunt		
				20 A			0.20 %			
			30 A		0.20 %					
		10 µA	to	200 µA		10 Hz to 1 kHz	0.17 %	Comparison with a standard multimeter		
		200 µA	to	200 mA			0.13 %			
		200 mA	to	2 A			0.17 %			
		2 A	to	20 A		15 Hz to 1 kHz	0.40 %	Comparison with a standard multimeter with a shunt		
		20 A	to	30 A			0.40 %			
		30 A	to	90 A			0.50 %			
		90 A	to	1.0 kA		50 Hz to 100 Hz	0.70 %	Comparison with a standard clamp multimeter		

Accredited entity according to ČSN EN ISO/IEC 17025:2018:

SEC electronic s.r.o.
Facility No. 2356, Calibration Laboratory
Arnošta z Pardubic 2762, 530 02 Pardubice

Ord. number 1	Calibrated quantity / Subject of calibration	Nominal range				Parameter(s) of the meas. quantity	Lowest expanded measurement uncertainty specified ²	Calibration principle	Calibration procedure identification ³	Work-place
		min.	unit	max.	unit					
5*	DC resistance / Resistance boxes, DC resistance dividers, reference DC resistors, instruments for certified electricians			100 $\mu\Omega$			0.058 %	Comparison with a resistance standard	SEC-KM-R	
				1 m Ω			0.0060 %			
				10 m Ω			0.0060 %			
				100 m Ω			0.0060 %			
				1 Ω			0.0025 %			
				10 Ω			0.0025 %			
				100 Ω			0.0025 %			
				1 k Ω			0.0025 %			
				10 k Ω			0.0025 %			
				100 k Ω			0.0025 %			
				1 M Ω			0.0030 %			
				10 M Ω			0.0080 %			
				100 M Ω			0.012 %			
				1 G Ω			0.040 %			
		0 m Ω	to	1 m Ω			2.0 % +2 $\mu\Omega$	Direct measurement with a microohmmeter		
		1 m Ω	to	100 m Ω			0.50 %			
		100 m Ω	to	1 Ω			0.10 %			
		1 Ω	to	10 Ω			0.010 %	Direct measurement with a standard multimeter		
		10 Ω	to	100 Ω			0.0070 %			
		100 Ω	to	1 k Ω			0.0050 %			
		1 k Ω	to	10 k Ω			0.0040 %			
		10 k Ω	to	100 k Ω			0.0050 %			
		100 k Ω	to	1 M Ω			0.0090 %			

Accredited entity according to ČSN EN ISO/IEC 17025:2018:

SEC electronic s.r.o.
 Facility No. 2356, Calibration Laboratory
 Arnošta z Pardubic 2762, 530 02 Pardubice

Ord. number 1	Calibrated quantity / Subject of calibration	Nominal range				Parameter(s) of the meas. quantity	Lowest expanded measurement uncertainty specified ²	Calibration principle	Calibration procedure identification ³	Work-place
		min.	unit	max.	unit					
		1 MΩ	to	10 MΩ		0.018 %				
		10 MΩ	to	100 MΩ		0.090 %				
		100 MΩ	to	1 GΩ		0.50 %				
	DC resistance / Ohmmeters, resistance bridges			100 μΩ		0.0040 %	Direct measurement of reference resistors	SEC-KM-R		
				1 mΩ		0.0020 %				
				10 mΩ		0.0010 %				
				100 mΩ		0.0010 %				
				1 Ω		0.0010 %				
				10 Ω		0.0010 %				
				100 Ω		0.0020 %				
				1 kΩ		0.0020 %				
				10 kΩ		0.0015 %				
				100 kΩ		0.0020 %				
				1 MΩ		0.0020 %				
				10 MΩ		0.0080 %				
				100 MΩ		0.011 %				
				1 GΩ		0.040 %				
		0 mΩ	to	1 Ω		0.2 % + 0.4 mΩ				
		1 Ω	to	10 Ω		0.020 %				
		10 Ω	to	100 Ω		0.020 %				
		100 Ω	to	1 kΩ		0.015 %				
		1 kΩ	to	10 kΩ		0.015 %				
		10 kΩ	to	100 kΩ		0.015 %				
		100 kΩ	to	1 MΩ		0.020 %				
		1 MΩ	to	10 MΩ		0.040 %				
		10 MΩ	to	100 MΩ		0.10 %				

Accredited entity according to ČSN EN ISO/IEC 17025:2018:

SEC electronic s.r.o.
Facility No. 2356, Calibration Laboratory
Arnošta z Pardubic 2762, 530 02 Pardubice

Ord. number 1	Calibrated quantity / Subject of calibration	Nominal range				Parameter(s) of the meas. quantity	Lowest expanded measurement uncertainty specified ²	Calibration principle	Calibration procedure identification ³	Work-place
		min.	unit	max.	unit					
		100 MΩ	to	1 GΩ		0.50 %				
		1 GΩ	to	10 GΩ		1.0 %				
		10 GΩ	to	50 GΩ		2.5 %				
6	AC resistance / RLC bridges, multimeters			0.1 Ω	100 Hz 1 kHz 10 kHz	0.20 % 0.20 % 1.0 %	Direct generation using a standard RLC calibrator	SEC-KM-RLC		
				1 Ω	100 Hz 1 kHz 10 Hz	0.14 % 0.10 % 0.10 %				
				10 Ω	100 Hz 1 kHz 10 kHz	0.050 % 0.050 % 0.050 %				
				100 Ω	100 Hz 1 kHz 10 kHz	0.020 % 0.020 % 0.020 %				
				1 kΩ	100 Hz 1 kHz 10 kHz	0.020 % 0.020 % 0.020 %				
				10 kΩ	100 Hz 1 kHz 10 kHz	0.020 % 0.020 % 0.020 %				
				100 kΩ	100 Hz 1 kHz 10 kHz	0.020 % 0.020 % 0.020 %				

Accredited entity according to ČSN EN ISO/IEC 17025:2018:

SEC electronic s.r.o.
Facility No. 2356, Calibration Laboratory
Arnošta z Pardubic 2762, 530 02 Pardubice

Ord. number 1	Calibrated quantity / Subject of calibration	Nominal range				Parameter(s) of the meas. quantity	Lowest expanded measurement uncertainty specified ²	Calibration principle	Calibration procedure identification ³	Work-place
		min.	unit	max.	unit					
				1 MΩ		100 Hz 1 kHz 10 kHz	0.030 % 0.030 % 0.060 %			
				10 MΩ		100 Hz 1 kHz 10 kHz	0.050 % 0.050 % 0.47 %			
7	Capacity / RLC bridges, multimeters			10 pF		100 Hz 1 kHz 10 kHz	0.86 % 0.50 % 0.50 %	Direct generation using a standard RLC calibrator	SEC-KM-RLC	
				100 pF		100 Hz 1 kHz 10 kHz	0.30 % 0.10 % 0.050 %			
				1 nF		100 Hz 1 kHz 10 kHz	0.050 % 0.050 % 0.050 %			
				10 nF		100 Hz 1 kHz 10 kHz	0.050 % 0.050 % 0.050 %			
				100 nF		100 Hz 1 kHz 10 kHz	0.10 % 0.050 % 0.050 %			
				1 μF		100 Hz 1 kHz 10 kHz	0.050 % 0.050 % 0.050 %			
				10 μF		100 Hz 1 kHz	0.050 % 0.050 %			

Accredited entity according to ČSN EN ISO/IEC 17025:2018:

SEC electronic s.r.o.
 Facility No. 2356, Calibration Laboratory
 Arnošta z Pardubic 2762, 530 02 Pardubice

Ord. number 1	Calibrated quantity / Subject of calibration	Nominal range				Parameter(s) of the meas. quantity	Lowest expanded measurement uncertainty specified ²	Calibration principle	Calibration procedure identification ³	Work-place			
		min.	unit	max.	unit								
				100 μF		10 kHz 100 Hz 1 kHz 10 kHz	0.20 % 0.10 % 0.13 % 0.51 %						
8	Inductance / RLC bridges, multimeters			10 μH		1 kHz 10 kHz	0.58 % 0.32 %	Direct generation using a standard RLC calibrator	SEC-KM-RLC				
				100 μH		100 Hz 1 kHz 10 kHz	0.53 % 0.22 % 0.21 %						
				1 mH		100 Hz 1 kHz 10 kHz	0.22 % 0.11 % 0.11 %						
				10 mH		100 Hz 1 kHz 10 kHz	0.11 % 0.10 % 0.10 %						
				100 mH		100 Hz 1 kHz 10 kHz	0.10 % 0.10 % 0.10 %						
				1 H		100 Hz 1 kHz	0.10 % 0.10 %						
				10 H		100 Hz 1 kHz	0.10 % 0.10 %						
				10 μH		100 kHz	0.30 %				Direct measurement of an inductance standard		
				100 μH		100 kHz	0.30 %						
				1,000 μH		100 kHz	0.30 %						

Accredited entity according to ČSN EN ISO/IEC 17025:2018:

SEC electronic s.r.o.
Facility No. 2356, Calibration Laboratory
Arnošta z Pardubic 2762, 530 02 Pardubice

Ord. number 1	Calibrated quantity / Subject of calibration	Nominal range				Parameter(s) of the meas. quantity	Lowest expanded measurement uncertainty specified ²	Calibration principle	Calibration procedure identification ³	Work-place		
		min.	unit	max.	unit							
9	DC power / Analogue and digital wattmeters, tong-test meters, instruments for certified electricians (1 V to 1,000 V; 1 mA to 20 A)	1 mVA		to	20 kVA		0.050 %	Direct generation with a standard power calibrator	SEC-KM-P			
	DC power / Calibrators	1 mVA		to	20 kVA		0.10 %	Comparison with a standard power calibrator				
10*	AC power / Analogue and digital wattmeters, varimeters, tong-test meters (40 Hz to 70 Hz, 1 V to 600 V)	0.01 W		to	54 kW	cos φ			Direct generation with a standard power calibrator	SEC-KM-P		
						1	current	10 mA to 10 A				0.070 %
								10 A to 90 A				0.10 %
						0.9 to 1	current	10 mA to 10 A				0.081 %
								10 A to 90 A				0.1 %
						0.8 to 0.9	current	10 mA to 10 A				0.075 %
								10 A to 90 A				0.13 %
						0.7 to 0.8	current	10 mA to 10 A				0.070 %
								10 A to 90 A				0.15 %
						0.6 to 0.7	current	10 mA to 10 A				0.090 %
		10 A to 90 A	0.17 %									
0.5 to 0.6	current	10 mA to 10 A	0.090 %									
		10 A to 90 A	0.19 %									
0.4 to 0.5	current	10 mA to 10 A	0.10 %									
		10 A to 90 A	0.22 %									
0.3 to 0.4	current	10 mA to 10 A	0.15 %									
		10 A to 90 A	0.35 %									
0.2 to 0.3	current	10 mA to 10 A	0.19 %									
		10 A to 90 A	0.39 %									

Accredited entity according to ČSN EN ISO/IEC 17025:2018:

SEC electronic s.r.o.
Facility No. 2356, Calibration Laboratory
Arnošta z Pardubic 2762, 530 02 Pardubice

Ord. number 1	Calibrated quantity / Subject of calibration	Nominal range				Parameter(s) of the meas. quantity	Lowest expanded measurement uncertainty specified ²	Calibration principle	Calibration procedure identification ³	Work-place
		min.	unit	max.	unit					
						0.1 to 0.2	10 mA to 10 A 10 A to 90 A	0.45 % 1.1 %		
						0.05 to 0.1	10 mA to 10 A 10 A to 90 A	0.90 % 2.1 %		
	AC power / Calibrators, transducers, 45 Hz to 65 Hz, 6 V to 720 V, 0.15 A to 21 A	0.9 W to 15 kW				cos φ 1 0.9 to 1 0.8 to 0.9 0.7 to 0.8 0.6 to 0.7 0.5 to 0.6 0.4 to 0.5 0.3 to 0.4 0.2 to 0.3 0.1 to 0.2 0.05 to 0.1	0.046 % 0.060 % 0.065 % 0.070 % 0.080 % 0.090 % 0.11 % 0.14 % 0.20 % 0.39 % 0.80 %	Direct measurement with a standard wattmeter	SEC-KM-P	
11	Power level / HF voltage meters, oscilloscopes and instruments for the measurement of frequency	-90 dBm to -80 dBm				10 kHz to 1 GHz 1 GHz to 2.5 GHz 5 GHz 10 GHz	0.35 dB 0.60 dB 1.2 dB 1.2 dB	Direct generation with a standard generator – 50 Ω load	SEC-KM-Uvf	
		-80 dBm to -60 dBm				10 kHz to 1 GHz 1 GHz to 2.5 GHz 5 GHz	0.35 dB 0.51 dB 1.2 dB			

Accredited entity according to ČSN EN ISO/IEC 17025:2018:

SEC electronic s.r.o.
 Facility No. 2356, Calibration Laboratory
 Arnošta z Pardubic 2762, 530 02 Pardubice

Ord. number 1	Calibrated quantity / Subject of calibration	Nominal range				Parameter(s) of the meas. quantity	Lowest expanded measurement uncertainty specified ²	Calibration principle	Calibration procedure identification ³	Work-place
		min.	unit	max.	unit					
						10 GHz 15 GHz 20 GHz	1.2 dB 1.3 dB 1.3 dB			
		-60 dBm	to	0 dBm		10 kHz to 1 GHz 1 GHz to 2.5 GHz 5 GHz 10 GHz 15 GHz 20 GHz	0.35 dB 0.51 dB 1.2 dB 1.2 dB 1.3 dB 1.3 dB			
		0 dBm	to	10 dBm		10 kHz to 1 GHz 1 GHz to 2.5 GHz 5 GHz 10 GHz 15 GHz 20 GHz	0.33 dB 0.47 dB 1.2 dB 1.2 dB 1.3 dB 1.3 dB			
	Power level / Generators and instruments for the generation of frequency	-90 dBm	to	-80 dBm		100 kHz to 2.5 GHz 5 GHz 10 GHz 15 GHz 20 GHz 25 GHz	0.35 dB 0.51 dB 0.71 dB 1.7 dB 1.7 dB 1.7 dB	Direct measurement with a standard analyzer – 50 Ω load	SEC-KM-Uvf	
		-80 dBm	to	-60 dBm		100 kHz to 2.5 GHz 5 GHz 10 GHz 15 GHz	0.30 dB 0.51 dB 0.71 dB 1.7 dB			

**The Appendix is an integral part of
Certificate of Accreditation No. 598/2022 of 07/12/2022**

Accredited entity according to ČSN EN ISO/IEC 17025:2018:

SEC electronic s.r.o.
Facility No. 2356, Calibration Laboratory
Arnošta z Pardubic 2762, 530 02 Pardubice

Ord. number ¹	Calibrated quantity / Subject of calibration	Nominal range				Parameter(s) of the meas. quantity	Lowest expanded measurement uncertainty specified ²	Calibration principle	Calibration procedure identification ³	Work-place
		min.	unit	max.	unit					
						20 GHz 25 GHz	1.7 dB 1.7 dB	Direct measurement with a standard power sensor - 50 Ω load		
		-60 dBm	to	0 dBm		100 kHz to 2.5 GHz 2.5 GHz to 5 GHz 5 GHz to 10 GHz 10 GHz to 15 GHz 15 GHz to 18 GHz	0.30 dB 0.35 dB 0.68 dB 0.86 dB 0.92 dB			
						20 GHz 25 GHz	1.7 dB 1.7 dB	Direct measurement with a standard analyzer - 50 Ω load		
		0 dBm	to	13 dBm		100 kHz to 2.5 GHz 2.5 GHz to 5 GHz 5 GHz to 10 GHz 15 GHz to 18 GHz	0.30 dB 0.35 dB 0.68 dB 0.92 dB	Direct measurement with a standard power sensor - 50 Ω load		
						100 kHz to 200 MHz 200 MHz to 1 GHz 1 GHz to 2.5 GHz	0.75 dB 0.55 dB 0.63 dB	Direct measurement with a standard analyzer - 50 Ω load		
		13 dBm	to	20 dBm						

¹ Asterisk at the ordinal number identifies the calibrations, which the Laboratory is qualified to carry out outside the permanent laboratory premises.

² The expanded measurement uncertainty is in accordance with ILAC-P14 and EA-4/02 M part of CMC, and it is the lowest value of the respective uncertainty. If not stated otherwise, its coverage probability is approx. 95 %. If not stated otherwise, the uncertainty values stated without a unit are relative to the value measured. The uncertainty value stated herein is based on the best conditions achievable by the laboratory; the uncertainty value of a specific calibration may be higher, depending on the conditions of such a calibration. For identical extreme values of adjacent ranges, the lower uncertainty value always applies.

³ If the document identifying the calibration procedure is dated, only these specific procedures are used. If the document identifying the calibration procedure is not dated, the latest edition of the specified procedure is used (including any changes).

Accredited entity according to ČSN EN ISO/IEC 17025:2018:

SEC electronic s.r.o.
Facility No. 2356, Calibration Laboratory
Arnošta z Pardubic 2762, 530 02 Pardubice

CMC for the field of measured quantity: Time and frequency quantities

Ord. number 1	Calibrated quantity / Subject of calibration	Nominal range				Parameter(s) of the meas. quantity	Lowest expanded measurement uncertainty specified ²	Calibration principle	Calibration procedure identification ³	Work-place	
		min.	unit	max.	unit						
1	Frequency / Oscilloscopes and instruments for the measurement of frequency	0.01 Hz	to	0.1 Hz	100 mV to 10 V rectangle	1.2·10 ⁻⁷ Hz	Direct measurement of a signal synchronized by a GPS standard	SEC-KM-f			
		0.1 Hz	to	1 Hz		1.2·10 ⁻⁷ Hz					
1 Hz	to	10 Hz	1.2·10 ⁻⁷ Hz								
10 Hz	to	100 Hz	1.2·10 ⁻⁶ Hz								
		10 Hz	to	100 Hz	30 mV to 5 V sine	1.0·10 ⁻³ Hz					
		100 Hz	to	1 kHz		1.0·10 ⁻⁴ Hz					
		1 kHz	to	10 kHz		1.5·10 ⁻⁵ Hz					
		10 kHz	to	100 kHz		1.2·10 ⁻⁴ Hz					
		100 kHz	to	1 MHz		1.2·10 ⁻³ Hz					
		1 MHz	to	10 MHz		1.2·10 ⁻² Hz					
		10 MHz	to	100 MHz		1.2·10 ⁻¹ Hz					
		100 MHz	to	1 GHz		1.2·10 ⁰ Hz					
		1 GHz	to	2 GHz		3.2·10 ⁰ Hz					
		2 GHz	to	2.5 GHz		4.0·10 ⁰ Hz					
		2.5 GHz	to	5 GHz		8.0·10 ⁰ Hz					
		5 GHz	to	10 GHz		1.6·10 ¹ Hz					
		10 GHz	to	15 GHz		2.4·10 ¹ Hz					
		15 GHz	to	20 GHz		3.2·10 ¹ Hz					
		20 GHz	to	25 GHz		4.2·10 ¹ Hz					

Accredited entity according to ČSN EN ISO/IEC 17025:2018:

SEC electronic s.r.o.
Facility No. 2356, Calibration Laboratory
Arnošta z Pardubic 2762, 530 02 Pardubice

Ord. number 1	Calibrated quantity / Subject of calibration	Nominal range				Parameter(s) of the meas. quantity	Lowest expanded measurement uncertainty specified ²	Calibration principle	Calibration procedure identification ³	Work-place
		min.	unit	max.	unit					
	Frequency / Instruments for the generation of frequency	10 kHz	to	100 kHz	U _{out} 30 mV to 1 V	sine	1.2·10 ⁻⁴ Hz	Direct measurement by a counter synchronized by a GPS standard		
		100 kHz	to	1 MHz		1.2·10 ⁻³ Hz				
1 MHz	to	10 MHz	1.2·10 ⁻² Hz							
10 MHz	to	100 MHz	1.2·10 ⁻¹ Hz							
100 MHz	to	1 GHz	1.2·10 ⁰ Hz							
1 GHz	to	2 GHz	3.2·10 ⁰ Hz							
2 GHz	to	2.5 GHz	4.0·10 ⁰ Hz							
2.5 GHz	to	5 GHz	8.0·10 ⁰ Hz							
5 GHz	to	10 GHz	1.6·10 ¹ Hz							
10 GHz	to	15 GHz	2.4·10 ¹ Hz							
		15 GHz	to	20 GHz			3.2·10 ¹ Hz			
				0.1 Hz	1 V	rectangle (pp)	2.2·10 ⁻⁴ Hz			
				1 Hz			2.2·10 ⁻⁴ Hz			
				10 Hz			2.2·10 ⁻⁴ Hz			
				100 Hz			2.2·10 ⁻⁴ Hz			
				1 kHz			2.2·10 ⁻⁴ Hz			
				10 kHz			2.2·10 ⁻⁴ Hz			
				100 kHz			2.2·10 ⁻⁴ Hz			
2	Bandwidth / Oscilloscopes and instruments for the measurement of frequency	0 MHz	to	250 MHz			12 %	Direct generation with a standard generator	SEC-KM-OSC	
		250 MHz	to	500 MHz			13 %			

Accredited entity according to ČSN EN ISO/IEC 17025:2018:

SEC electronic s.r.o.
 Facility No. 2356, Calibration Laboratory
 Arnošta z Pardubic 2762, 530 02 Pardubice

Ord. number 1	Calibrated quantity / Subject of calibration	Nominal range				Parameter(s) of the meas. quantity	Lowest expanded measurement uncertainty specified ²	Calibration principle	Calibration procedure identification ³	Work-place
		min.	unit	max.	unit					
3	Time stamps / Oscilloscopes									
				5 s		$5.0 \cdot 10^{-3} \text{ s}$	Direct generation with a standard generator	SEC-KM-OSC		
				2 s		$1.0 \cdot 10^{-3} \text{ s}$				
				1 s		$0.1 \cdot 10^{-3} \text{ s}$				
				0.5 s		$0.5 \cdot 10^{-4} \text{ s}$				
				0.2 s		$0.2 \cdot 10^{-4} \text{ s}$				
				0.1 s		$0.1 \cdot 10^{-4} \text{ s}$				
				50 ms		$0.5 \cdot 10^{-5} \text{ s}$				
				20 ms		$0.8 \cdot 10^{-6} \text{ s}$				
				10 ms		$0.2 \cdot 10^{-6} \text{ s}$				
				5 ms		$0.3 \cdot 10^{-7} \text{ s}$				
				2 ms		$0.3 \cdot 10^{-7} \text{ s}$				
				1 ms		$0.3 \cdot 10^{-7} \text{ s}$				
				500 μs		$0.1 \cdot 10^{-8} \text{ s}$				
				200 μs		$0.1 \cdot 10^{-8} \text{ s}$				
				100 μs		$0.1 \cdot 10^{-8} \text{ s}$				
				50 μs		$0.1 \cdot 10^{-9} \text{ s}$				
				20 μs		$0.1 \cdot 10^{-9} \text{ s}$				
				10 μs		$0.1 \cdot 10^{-9} \text{ s}$				
				5 μs		$0.1 \cdot 10^{-10} \text{ s}$				
				2 μs		$0.1 \cdot 10^{-10} \text{ s}$				
				1 μs		$0.1 \cdot 10^{-10} \text{ s}$				
				500 ns		$0.1 \cdot 10^{-11} \text{ s}$				
				200 ns		$0.1 \cdot 10^{-11} \text{ s}$				
				100 ns		$0.1 \cdot 10^{-11} \text{ s}$				
				50 ns		$0.1 \cdot 10^{-12} \text{ s}$				

Accredited entity according to ČSN EN ISO/IEC 17025:2018:

SEC electronic s.r.o.
 Facility No. 2356, Calibration Laboratory
 Arnošta z Pardubic 2762, 530 02 Pardubice

Ord. number 1	Calibrated quantity / Subject of calibration	Nominal range				Parameter(s) of the meas. quantity	Lowest expanded measurement uncertainty specified ²	Calibration principle	Calibration procedure identification ³	Work-place
		min.	unit	max.	unit					
				20 ns		$0.1 \cdot 10^{-12}$ s				
				10 ns		$0.1 \cdot 10^{-12}$ s				
				5 ns		$0.1 \cdot 10^{-13}$ s				
				2 ns		$0.1 \cdot 10^{-13}$ s				
				1 ns		$0.1 \cdot 10^{-13}$ s				

¹ Asterisk at the ordinal number identifies the calibrations, which the Laboratory is qualified to carry out outside the permanent laboratory premises.

² The expanded measurement uncertainty is in accordance with ILAC-P14 and EA-4/02 M part of CMC, and it is the lowest value of the respective uncertainty. If not stated otherwise, its coverage probability is approx. 95 %. If not stated otherwise, the uncertainty values stated without a unit are relative to the value measured. The uncertainty value stated herein is based on the best conditions achievable by the laboratory; the uncertainty value of a specific calibration may be higher, depending on the conditions of such a calibration. For identical extreme values of adjacent ranges, the lower uncertainty value always applies.

³ If the document identifying the calibration procedure is dated, only these specific procedures are used. If the document identifying the calibration procedure is not dated, the latest edition of the specified procedure is used (including any changes).