



EA MLA Signatory
Český institut pro akreditaci, o.p.s.
Olšanská 54/3, 130 00 Praha 3

issues

according to section 16 of Act No. 22/1997 Coll., on technical requirements for products, as amended

CERTIFICATE OF ACCREDITATION

No. 449/2021

Jakar Electronics, spol. s r.o.
with registered office Fryštátská 184/46, 733 01 Karviná, Company Registration No. 28582616

to the Calibration Laboratory No. 2378
Calibration Laboratory

Scope of accreditation:

Calibration of temperature measuring devices to the extent as specified in the appendix to this Certificate.

This Certificate of Accreditation is a proof of Accreditation issued on the basis of assessment of fulfillment of the accreditation criteria in accordance with

ČSN EN ISO/IEC 17025:2018

In its activities performed within the scope and for the period of validity of this Certificate, the Body is entitled to refer to this Certificate, provided that the accreditation is not suspended and the Body meets the specified accreditation requirements in accordance with the relevant regulations applicable to the activity of an accredited Conformity Assessment Body.

This Certificate of Accreditation replaces, to the full extent, Certificate No.: 420/2020 of 30. 6. 2020, or any administrative acts building upon it.

The Certificate of Accreditation is valid until: **17. 8. 2026**

Prague: 17. 8. 2021



Lukáš Burda
Director of the Department
of Testing and Calibration Laboratories
Czech Accreditation Institute
Public Service Company



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

Jakar Electronics, spol. s r.o.
Calibration Laboratory
Fryštátská 184/46, 733 01 Karviná

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	Thermocouple temperature sensor	100 °C	to	200 °C		0.5 °C	Comparison with a standard thermometer in a horizontal furnace	MKTST-01		
		200 °C	to	400 °C		0.6 °C				
		400 °C	to	500 °C		1.4 °C				
		500 °C	to	600 °C		1.5 °C				
		600 °C	to	700 °C		1.6 °C				
		700 °C	to	800 °C		1.7 °C				
		800 °C	to	900 °C		1.8 °C				
		900 °C	to	1,000 °C		1.9 °C				
2	Digital thermometer	100 °C	to	200 °C		0.35 °C	Comparison with a standard thermometer in a horizontal furnace	MKDT-01		
		200 °C	to	400 °C		0.5 °C				
		400 °C	to	500 °C		1.4 °C				
		500 °C	to	600 °C		1.3 °C				
		600 °C	to	700 °C		1.4 °C				
		700 °C	to	900 °C		1.5 °C				
		900 °C	to	1,100 °C		1.6 °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. If the calibration is carried out outside the laboratory premises, the measurement uncertainty may be affected.

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).