

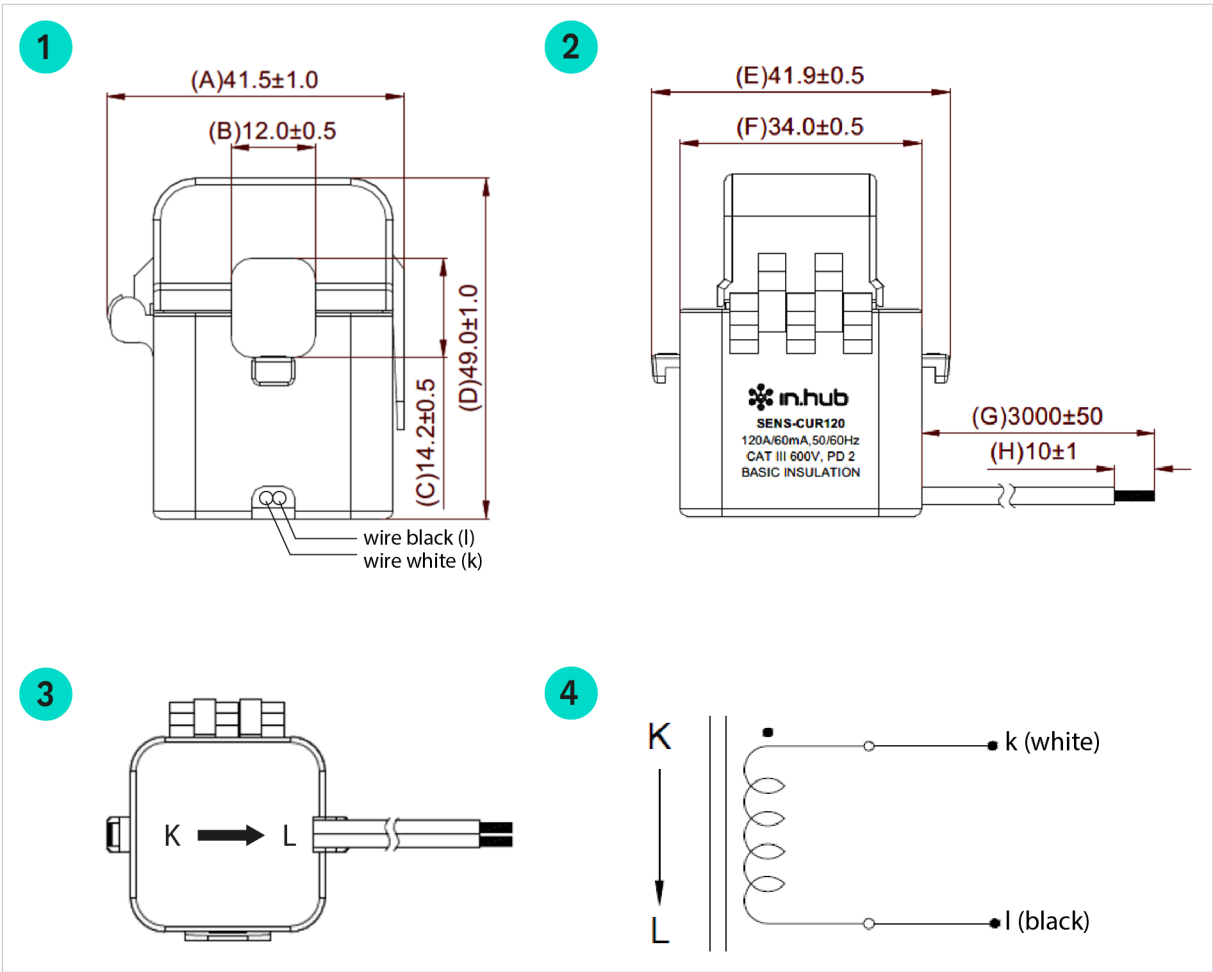


# Current sensor SENS-CUR120

## Technical data sheet

Document version 1.1 | Released on:  
29. August 2025

# Schematic diagram



Dimensions of the SENS-CUR120 in mm

1	Front view
2	Side view
3	View from below
4	Schematic diagram for connecting the current sensor

## Technical data

Electrical specifications	Values
Primary rated current (amps) 50 Hz / 60 Hz	120 A (6 - 144 A max.)
Turns ratio	1:2000
Transformation ratio	120 A / 60 mA
Resistance at 20°C ( $\Omega$ )	140 max.
Accuracy at $R_b \leq 10 \Omega$	1%
Protection category	600 V CAT III
Insulation resistance	DC500 V / 100 M $\Omega$ min
Housing	Insulated plastic housing PA66, recognised according to UL 94-V0
Temperature range during operation	Operation: -40°C to 85°C
Temperature range during storage	Storage: -40°C to 90°C
Ambient conditions	Controlled environment, pollution degree 2, operating altitude up to max. 2,000 m

Mechanical specifications	Values
Opening angle	180°
Connecting cable	UL1015 22AWG PVC cable (white, black) 105°C, 600 V
Length of the connecting cable	3 m
Opening for the power cable	12×49 mm
Weight	135 g

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The original language of this document is German.

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**in.hub GmbH**  
**Technologie-Campus 1**  
**DE-09126 Chemnitz**

**+49 371 335 655 00**  
**[info@inhub.de](mailto:info@inhub.de)**