

Options at a Glance:

Type Input

- 1: L-Sensor,
Thermocouple type "K" or "S"
- 2: L-Sensor,
Thermocouple type "K" or "S"
- 3: ZrO₂
Thermocouple Type "K" or "S"
- 4: CO₂ Analyzer,
Thermocouple type "K" or "S"
- 5: L-Sensor for residual oxygen
- 6: O₂-Sensor

Selectable Parameters (Fixed Value, Thermocouple):

- CO content (in the absence of a CO analyzer)
- Actual value correction data (e.g. derived from using a foil probe)
- L-sensor correction factors
- Temperature correction factor
- Actual value correction of the calculated O₂-sensor voltage

The customer directly feeds in the parameters for the calculation of the measurement values using predefined data blocks.

Actual Value Correction: C-Level

The calculated C-level can be corrected to eliminate measuring errors and deviations due to special conditions in the oven. Especially the so-called foil sampling backs up the determination of the C-level - foiltest.

Actual value correction %O₂

Connections:

Wiring: 32-pin Adapter Connectors
with screw-in connections

Specifications (Basic Unit):

Housing:

Siemens S7 compatible DIN rail housing (top-hat housing)

Dimensions:

40 x 125 x 120 mm (W x H x D)
1.58" x 4.92" x 4.72" (W x H x D)

Weight:

approx. 0.4 kg / 0.88 lbs

Protection Class:

IP 32 according to DIN 40050

Climate Conditions:

Storage: -10...+70 °C (14...158 °F)
Operation: 0...+50 °C (32...122 °F)
5...95 % relative humidity, condensation-free storage

Auxiliary Supply:

24 V

Input:

approx. 15 VA

Fuse:

200 mA

Analog Inputs:

for Type 1:

- Thermocouple, type "K" or "S"
- L-Sensor

for Type 2:

- Thermocouple, type "K" or "S"
- L-Sensor
- CO Analyzer

for Type 3:

- Thermocouple, type "K" or "S"
- CO-Analyzer 0...3 % log. or 0...5 % linear

for Type 4:

- Thermocouple, type "K" or "S"
- ZrO₂-Sensor
- CO Analyzer

for Type 5:

- L-Sensor

for Type 6:

- O₂-Sensor
- Thermocouple, type "K" or "S"