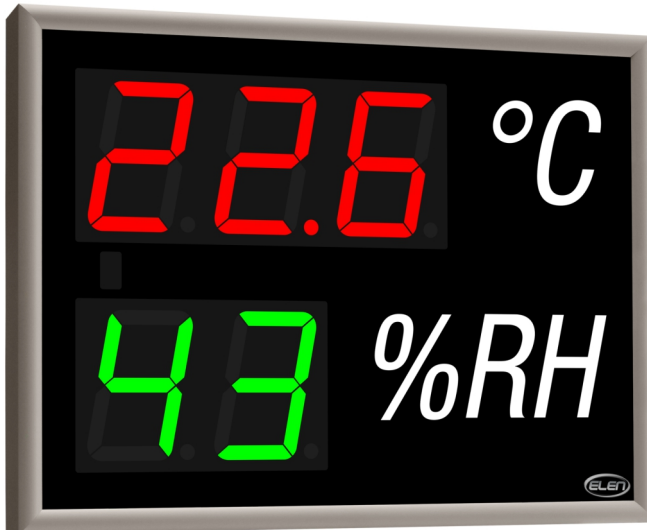


## DATASHEET

|                     |   |                                   |
|---------------------|---|-----------------------------------|
| <b>Product name</b> | <b>Large-size display – numerical, temperature and humidity</b> |                                   |
| <b>Type / Model</b> | <b>NDA 100/3-2 TH RG L20 230AC RS485</b>                        |                                   |
| <b>Order Code</b>   | <b>ZZ0905-4.xx</b>  | Date of last revision: 20.01.2020 |



The **NDA 100/3-2 TH RG L20 230AC RS485** is an electronic monitoring device which displays air temperature and humidity on a large format.

It is suitable for use in indoor environment (public institutions, banks, bus and railway stations, airports, schools, offices, hotels, restaurants, etc.).

Its enclosure consists of aesthetic anodized aluminum frame, non-glare front cover glass and steel back panel. Excellent readability is ensured by super-bright 7-segment LED modules with a wide viewing angle.

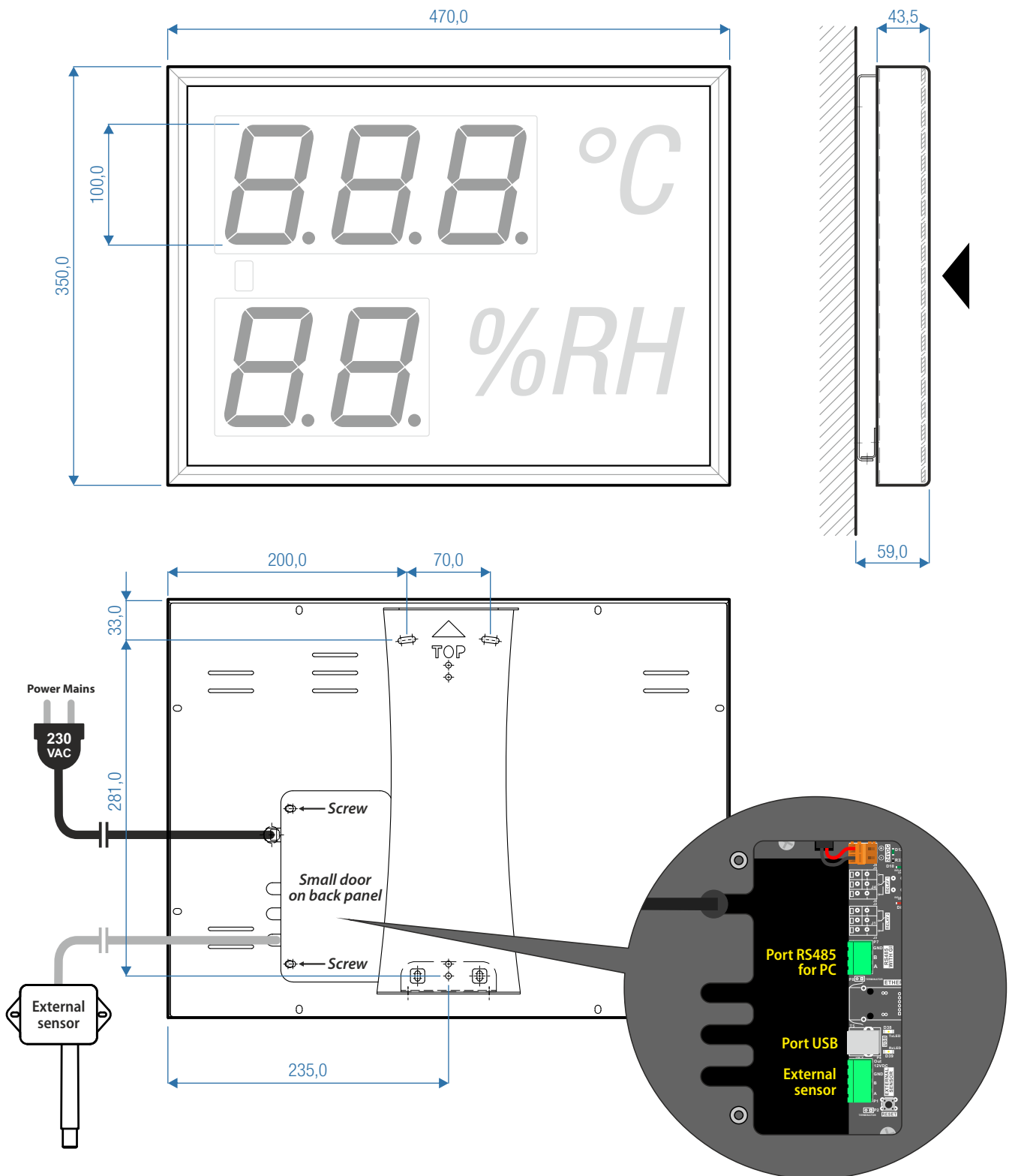
External temperature and humidity sensor connects to display with cable via serial RS485 interface. Display is equipped with RS485 interface for connecting to PC and data logging of measured values. Power supply cable is attached from the back side.

External temperature and humidity sensor is sold separately.  
Ordering code for the external sensor is: ZZ0609-3.xx.

### Display Specifications

|                             |  |
|-----------------------------|--|
| <b>Number of digits</b>     | Temperature - 3, Humidity - 2  |
| <b>Height of digits</b>     | 100 mm   |
| <b>Readability range</b>    | 40 m   |
| <b>LED type</b>             | Super bright 7-segment LED modules   |
| <b>LED colour</b>           | Red or multi-color Red/Green/Yellow. Depends on product type ordered.  |
| <b>Viewing angle</b>        | 120°   |
| <b>Fixed labels</b>         | °C (°F), %RH (%HR, %r.F.) as required. White letters on black background.  |
| <b>Frame colour / type</b>  | Matt warm grey / aesthetic anodized aluminium  |
| <b>Front cover</b>          | Non-glare, grey colour tinted PMMA glass   |
| <b>Connections</b>          | 1x RS485 - external temperature and humidity sensor<br>1x USB type B connector for configuration settings<br>1x PC DataLogging connector RS485 |
| <b>Class of protection</b>  | IP 20, indoor use only   |
| <b>Power supply</b>         | 100-240V~, power supply cable with 2-pole EU plug, length 2 m  |
| <b>Power consumption</b>    | 13 W Max.  |
| <b>Dimensions</b>           | 470 mm x 350 mm x 59 mm  |
| <b>Weight</b>               | 4,5 kg   |
| <b>Accessories included</b> | Wall mounting brackets, screws and fasteners   |

**Dimensional Drawing (mm)**



**Notes:**

1. External sensor connector is located under small door on back panel, green connector P1 (remove 2 screws).
2. Fixed labels can be changed according to customer specification.