

# RV 2098 Wandsender

## Design

For indoor wall or ceiling mounting, with attractive box. Low cost room temperature sensor

## Box

|             |                 |
|-------------|-----------------|
| Colour      | white           |
| Material    | Moulded ABS     |
| Dimensions  | 86 x 86 x 30 mm |
| Cable entry | in bottom       |

## Transmitter

|                    |                                             |
|--------------------|---------------------------------------------|
| Range              | Customer to specify standard - 10 / + 50 °C |
| Output             | 4 - 20 mA                                   |
| Style / Connection | 2-wire mounting                             |
| Power supply       | 12 - 35 Volt Maximum                        |
| Line Resistance    |                                             |

## Sensor

Single Pt 100 IEC 60751 class B

Overall accuracy +/- 0,2 °C

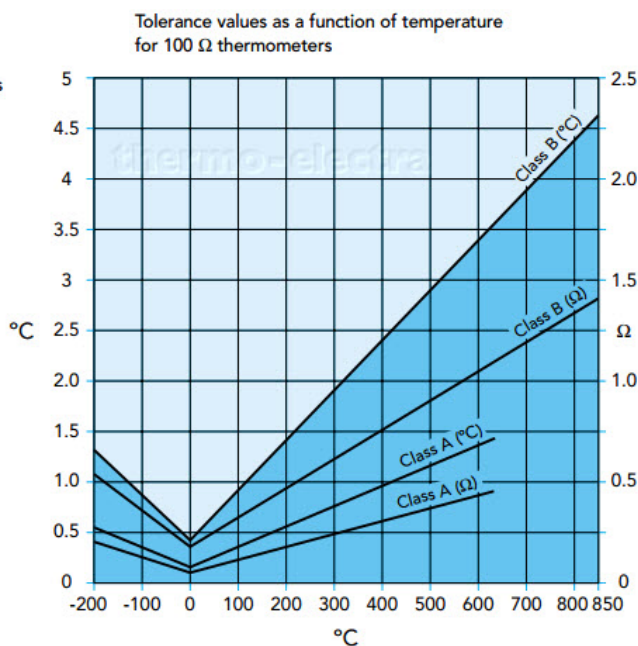
## Option

MODbus transmitter



Tolerances for 100  $\Omega$  thermometers

| temp<br>°C | class A<br>$\pm^{\circ}\text{C}$ $\pm^{\circ}\Omega$ | class B<br>$\pm^{\circ}\text{C}$ $\pm^{\circ}\Omega$ |
|------------|------------------------------------------------------|------------------------------------------------------|
| -200       | 0.55 0.24                                            | 1.3 0.56                                             |
| -100       | 0.35 0.14                                            | 0.8 0.32                                             |
| 0          | 0.15 0.06                                            | 0.3 0.12                                             |
| 100        | 0.35 0.13                                            | 0.80 0.30                                            |
| 200        | 0.55 0.20                                            | 1.3 0.48                                             |
| 300        | 0.75 0.27                                            | 1.8 0.64                                             |
| 400        | 0.95 0.33                                            | 2.3 0.79                                             |
| 500        | 1.15 0.38                                            | 2.8 0.93                                             |
| 600        | 1.35 0.43                                            | 3.3 1.06                                             |
| 700        | - -                                                  | 3.8 1.17                                             |
| 800        | - -                                                  | 4.3 1.28                                             |
| 850        | - -                                                  | 4.6 1.34                                             |



## Ordering code

\*This datasheet is purely indicative, build-up of model code may vary from this datasheet.

Model

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