

### NTC 575 W / 20 °C

#### Measuring element

Table of temperature / resistance of the NTC measuring element (575  $\Omega$  at 20°C)

t = Temperature [°C]

R<sub>F</sub> = Resistance of NTC measuring element (only for use when setting up a temperature simulator)

| t [°C]     | R <sub>F</sub> [ $\Omega$ ] | t [°C]    | R <sub>F</sub> [ $\Omega$ ] |
|------------|-----------------------------|-----------|-----------------------------|
| <b>-35</b> | <b>672,1</b>                | <b>0</b>  | <b>623,2</b>                |
| -34        | 671,4                       | 1         | 621,1                       |
| -33        | 670,6                       | 2         | 618,9                       |
| -32        | 669,8                       | 3         | 616,7                       |
| -31        | 669,0                       | 4         | 614,5                       |
| <b>-30</b> | <b>668,1</b>                | <b>5</b>  | <b>612,2</b>                |
| -29        | 667,2                       | 6         | 610,0                       |
| -28        | 666,3                       | 7         | 607,7                       |
| -27        | 665,3                       | 8         | 605,3                       |
| -26        | 664,3                       | 9         | 603,0                       |
| <b>-25</b> | <b>663,2</b>                | <b>10</b> | <b>600,6</b>                |
| -24        | 662,1                       | 11        | 598,2                       |
| -23        | 661,0                       | 12        | 595,8                       |
| -22        | 659,8                       | 13        | 593,3                       |
| -21        | 658,6                       | 14        | 590,9                       |
| <b>-20</b> | <b>657,3</b>                | <b>15</b> | <b>588,4</b>                |
| -19        | 656,0                       | 16        | 585,9                       |
| -18        | 654,7                       | 17        | 583,5                       |
| -17        | 653,3                       | 18        | 581,0                       |
| -16        | 651,9                       | 19        | 578,5                       |
| <b>-15</b> | <b>650,4</b>                | <b>20</b> | <b>575,0</b>                |
| -14        | 648,9                       | 21        | 573,5                       |
| -13        | 647,3                       | 22        | 571,0                       |
| -12        | 645,7                       | 23        | 568,5                       |
| -11        | 644,1                       | 24        | 566,0                       |
| <b>-10</b> | <b>642,4</b>                | <b>25</b> | <b>563,5</b>                |
| -9         | 640,7                       | 26        | 561,0                       |
| -8         | 638,9                       | 27        | 558,6                       |
| -7         | 637,1                       | 28        | 556,1                       |
| -6         | 635,2                       | 29        | 553,6                       |
| <b>-5</b>  | <b>633,3</b>                | <b>30</b> | <b>551,2</b>                |
| -4         | 631,4                       | 31        | 548,8                       |
| -3         | 629,4                       | 32        | 546,4                       |
| -2         | 627,4                       | 33        | 544,0                       |
| -1         | 625,3                       | 34        | 541,6                       |
| <b>0</b>   | <b>623,2</b>                | <b>35</b> | <b>539,3</b>                |