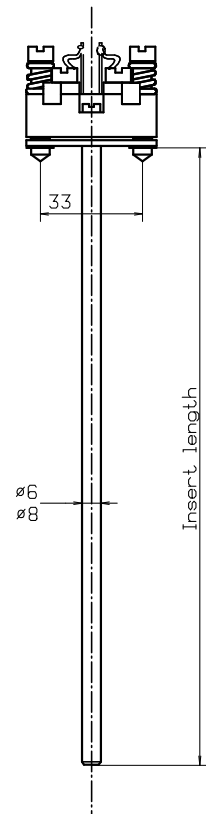


**Measuring inserts for resistance thermometers for temperatures up to 850 ° C**

|                           |  |
|---------------------------|--|
| <b>Measuring insert</b>   | According to DIN 43762<br>1 x PT100 / 2 x PT100<br>in 2-wire circuit                                       |
| <b>Inner conductor</b>    | Resistance is listed on the nameplate<br>and has to be taken into account during the balance of the supply |
| <b>Thermowell</b>         | Stainless steel 6 and 8 mm Ø   |
| <b>Set-up</b>             | shockproof   |
| <b>Version</b>            | Possible in 3- or 4- wire circuit  |
| <b>Connection diagram</b> | See sheet 19.20  |


**Measuring insert 6 mm Ø**
**Measuring insert 8 mm Ø**

| E<br>in mm | Weight<br>in kg | Measuring insert 6 mm Ø |                         | Measuring insert 8 mm Ø |                         |                         |
|------------|-----------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|
|            |                 | Order no.<br>1 x PT 100 | Order no.<br>2 x PT 100 | Weight<br>in kg         | Order no.<br>1 x PT 100 | Order no.<br>2 x PT 100 |
| 145        | 0,12            | 4.52.00.01              | 4.52.00.02              | 0,12                    | 4.52.05.01              | 4.52.05.02              |
| 205        | 0,12            | 4.52.00.11              | 4.52.00.12              | 0,13                    | 4.52.05.11              | 4.52.05.12              |
| 275        | 0,13            | 4.52.00.21              | 4.52.00.22              | 0,13                    | 4.52.05.21              | 4.52.05.22              |
| 305        | 0,13            | 4.52.00.31              | 4.52.00.32              | 0,14                    | 4.52.05.31              | 4.52.05.32              |
| 315        | 0,13            | 4.52.00.41              | 4.52.00.42              | 0,14                    | 4.52.05.41              | 4.52.05.42              |
| 375        | 0,14            | 4.52.00.51              | 4.52.00.52              | 0,15                    | 4.52.05.51              | 4.52.05.52              |
| 395        | 0,15            | 4.52.00.61              | 4.52.00.62              | 0,15                    | 4.52.05.61              | 4.52.05.62              |
| 405        | 0,15            | 4.52.00.71              | 4.52.00.72              | 0,15                    | 4.52.05.71              | 4.52.05.72              |
| 430        | 0,16            | 4.52.00.81              | 4.52.00.82              | 0,16                    | 4.52.05.81              | 4.52.05.82              |
| 525        | 0,19            | 4.52.00.91              | 4.52.00.92              | 0,20                    | 4.52.05.91              | 4.52.05.92              |
| 580        | 0,21            | 4.52.01.01              | 4.52.01.02              | 0,22                    | 4.52.06.01              | 4.52.06.02              |
| 655        | 0,22            | 4.52.01.11              | 4.52.01.12              | 0,24                    | 4.52.06.11              | 4.52.06.12              |
| 735        | 0,23            | 4.52.01.21              | 4.52.01.22              | 0,25                    | 4.52.06.21              | 4.52.06.22              |
| 825        | 0,24            | 4.52.01.31              | 4.52.01.32              | 0,27                    | 4.52.06.31              | 4.52.06.32              |
| 1025       | 0,28            | 4.52.01.41              | 4.52.01.42              | 0,31                    | 4.52.06.41              | 4.52.06.42              |
| 1275       | 0,32            | 4.52.01.51              | 4.52.01.52              | 0,36                    | 4.52.06.51              | 4.52.06.52              |
| 1425       | 0,36            | 4.52.01.61              | 4.52.01.62              | 0,39                    | 4.52.06.61              | 4.52.06.62              |
| 1625       | 0,40            | 4.52.01.71              | 4.52.01.72              | 0,43                    | 4.52.06.71              | 4.52.06.72              |
| 1825       | 0,45            | 4.52.01.81              | 4.52.01.82              | 0,48                    | 4.52.06.81              | 4.52.06.82              |
| 2025       | 0,50            | 4.52.01.91              | 4.52.01.92              | 0,53                    | 4.52.06.91              | 4.52.06.92              |