

## THERMAL PROTECTION FEATURES

### PT 1000

#### Thermal protection features

|                   |                                                                                  |
|-------------------|----------------------------------------------------------------------------------|
| Type              | PT 1000-R8/2-2F                                                                  |
| Sensor            | Sensor RTD (Platinum Resistance Temperature Detectors) according to DIN EN 60751 |
| Temperature range | from -40 °C to 250 °C                                                            |
| Accuracy          | $\Delta t = \pm (0,3 + 0,04t) \text{ }^{\circ}\text{C}$                          |

| °C  | Resistance ( $\Omega$ ) |
|-----|-------------------------|
| -40 | 843                     |
| -30 | 882                     |
| -20 | 922                     |
| -10 | 961                     |
| 0   | 1000                    |
| 10  | 1039                    |
| 20  | 1078                    |
| 30  | 1117                    |
| 40  | 1155                    |
| 50  | 1194                    |
| 60  | 1232                    |
| 70  | 1271                    |
| 80  | 1309                    |
| 90  | 1347                    |
| 100 | 1385                    |
| 110 | 1423                    |
| 120 | 1461                    |
| 130 | 1498                    |
| 140 | 1536                    |
| 150 | 1573                    |
| 160 | 1611                    |