

## Pt1000TR160/E, 2-wire, ELKA

Code: SN200E



IP67 protection, operating range: -30°C to +80°C.

Accuracy:  $t = \pm(0.30 + 0.005 \cdot |t|)$  - class B according to IEC 751.

2-wire connection, PVC jacketed cable

Cable length: 6 mm, sensing element length: 20 mm. Cable diameter: 3.5 mm. ELKA connector.

### Table

|                         |                                                                                                    |
|-------------------------|----------------------------------------------------------------------------------------------------|
| TEMPERATURE SENSOR      |                                                                                                    |
| Measuring range         | -30 to +80 °C                                                                                      |
| Accuracy                | $\pm (0.3 + 0.005 t)$ at °C                                                                        |
| Accuracy class          | A                                                                                                  |
| Time response           | $t_{0.5} < 12$ s (in flowing water at $> 0.2$ m/s)<br>$t_{50} < 12$ s, $t_{90} < 32$ s (in liquid) |
| Type of sensing element | Pt1000                                                                                             |
| Temperature coefficient | 3850 ppm / °C                                                                                      |
| GENERAL TECHNICAL DATA  |                                                                                                    |
| Wire connection         | 2-wire connection                                                                                  |
| Material of the case    | POLYAMIDE-based plastic                                                                            |
| Dimensions of the case  | length 20 mm; diameter $5.7 \pm 0.1$ mm                                                            |
| Lead-in cable           | PVC shielded                                                                                       |
| Length of lead-in cable | 2 meters                                                                                           |
| Connector               | ELKA                                                                                               |
| IP protection           | IP67                                                                                               |
| Warranty                | 30 months                                                                                          |