

## TEMPERATURE SENSOR

# T-144

### Applications:

Temperature sensor for measurement of liquids, gases, solid bodies.

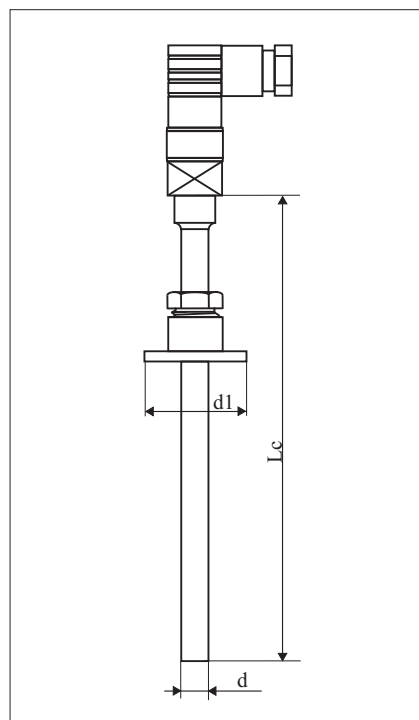
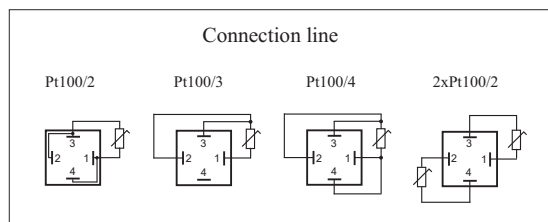
## Technical Data

|                                   |                                             |
|-----------------------------------|---------------------------------------------|
| Measuring range                   | up to 400°C                                 |
| Resistance element:               | Pt100 up to PN-EN 60751+A2<br>Pt1000, Pt500 |
| Protection tube material          | stainless steel 1H18N9T (1.4541)            |
| Connection line                   | 2, 3 or 4 wire                              |
| Terminal head type                | GDS, GDM up to DIN43650; IP 65              |
| Terminal head ambient temperature | -30°C to 90°C                               |



### Ordering code

|                                               |   |     |   |   |    |  |   |     |   |       |            |  |   |  |            |
|-----------------------------------------------|---|-----|---|---|----|--|---|-----|---|-------|------------|--|---|--|------------|
| T                                             | - | 144 | - |   | -  |  | - |     | - |       | -          |  | - |  |            |
| Protection tube dia. d<br>Ø 6 mm<br>others    |   |     |   | 6 |    |  |   |     |   |       |            |  |   |  |            |
| Disk diameter d1<br>30 mm<br>others           |   |     |   |   | 30 |  |   |     |   |       |            |  |   |  |            |
| Protection tube length Lc<br>100 mm<br>others |   |     |   |   |    |  |   | 100 |   |       |            |  |   |  |            |
| Connection line<br>2-wire, 3-wire, 4-wire     |   |     |   |   |    |  |   |     | 2 |       |            |  |   |  |            |
| Tolerance<br>class - A, B, 1/3B               |   |     |   |   |    |  |   |     |   | e.g.B |            |  |   |  |            |
| Measuring insert<br>Pt100, 2xPt100, others    |   |     |   |   |    |  |   |     |   |       | e.g. Pt100 |  |   |  |            |
| Operating temperature<br>80°C, 200°C, others  |   |     |   |   |    |  |   |     |   |       |            |  |   |  | e.g. 200°C |



### Order example:

**T-144-6-30-100-2-B-Pt100-200°C** - sensor of protection tube diameter  $d=6$  mm, disk diameter  $d_1=30$  mm, length  $L_c=100$  mm, 2-wire, class B, Pt100, operating temperature  $200^{\circ}\text{C}$ .