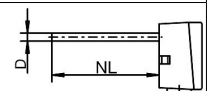
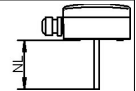
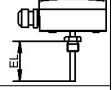


## Channel RTD Temperature Probe (902520)

- For temperatures from -50 to +200 °C
- For use in air-conditioning technology
- Protection type IP20 to IP65
- Connection available in two-wire, three-wire, or four-wire circuit
- Available with analog transmitter



### Order details

|   |   |   | (1) Basic type                         |   |   |
|---|---|---|--|---|---|
|   |   |   | 902524/25                              | Channel resistance thermometer with plain protection tube, Protection IP54  |  |
|   |   |   | 902524/31                              | Push-in channel resistance thermometer, permanent protection tube, ambient temperature housing -30 to +90 °C protection IP65  |  |
|   |   |   | 902524/32                              | Screw-in channel resistance thermometer, permanent protection tube, ambient temperature housing -30 to +90 °C protection IP65 |  |
|   |   |   | <b>(2) Operating temperature in °C</b> |   |   |
| X | X | X | 380                                    | -50 to 200 °C   |   |
|   |   |   | <b>(3) Measuring insert</b>            |   |   |
| X | X | X | 1003                                   | 1x Pt100 in 2-wire circuit  |   |
| X | X | X | 1005                                   | 1x Pt1000 in 2-wire circuit   |   |
| X | X | X | 1009                                   | 1x Ni1000 in 2-wire circuit   |   |
|   | X | X | 1619                                   | 1x KTY 81-110   |   |
|   | X | X | 1654                                   | 1x LM 235 Z   |   |
|   | X | X | 1728                                   | 1x NTC TT3-1KC2-5/1K  |   |
|   | X | X | 2003                                   | 2x Pt100 in 2-wire circuit  |   |
|   | X | X | 2005                                   | 2x Pt1000 in 2-wire circuit   |   |
|   | X | X | 2009                                   | 2x Ni1000 in 2-wire circuit   |   |
|   |   |   | <b>(4) Tolerance class</b>             |   |   |
|   | X | X | 0                                      | No tolerance defined  |   |
| X | X | X | 1                                      | Class B   |   |
| X | X | X | 2                                      | Class A   |   |
|   | X | X | 3                                      | Class AA  |   |
|   |   |   | <b>(5) Diameter prot. tube</b>         |   |   |
| X | X | X | 6,00                                   | 6mm (stepped down to 3,3mm for model 902530/20)   |   |
|   |   |   | <b>(6) Nominal length</b>              |   |   |
| X | X | X | 100,0                                  | 100 mm  |   |
| X | X | X | 150,0                                  | 150 mm  |   |
| X | X | X | 200,0                                  | 200 mm  |   |
| X | X | X | 50,0 - 500,0                           | Indication in plain text (gradation 50mm) (price for each mm NL)  |   |
|   |   |   | <b>(7) Process connection</b>          |   |   |
| X | X |   | 000                                    | Without process connection  |   |
|   |   | X | 102                                    | Screw connection G 1/4  |   |
|   |   | X | 103                                    | Screw connection G 3/8  |   |
|   |   | X | 104                                    | Screw connection G 1/2  |   |
|   |   | X | 128                                    | Screw connection M20 x 1,5  |   |
|   |   | X | 144                                    | Screw connection 1/2-14NPT  |   |
|   |   |   | <b>(8) Extra codes</b>                 |   |   |
| X | X | X | 000                                    | Without extra code  |   |
|   | X | X | 242                                    | 4-pole spring-type terminal   |   |
| X | X | X | 310                                    | Protection tube stepped down from Ø 6 mm to Ø 3,3 mm (not in connection with measuring insert 2x xxx)                         |   |
| X |   |   | 404                                    | Protection IP65   |   |
|   | X | X | 330                                    | 1x analog transmitter, output 4..20mA (in connection with Pt100), data sheet 707030   |   |

|   |   |   |     |   |
|---|---|---|-----|---|
|   | X | X | 333 | 1x analog transmitter, output 0..10V (in connection with Pt100), data sheet 707030            |
| X | X | X | 658 | SIL- and PL-suitable with safety temperature limiter and safety temperature monitor 70115X    |
| X | X | X | 659 | SIL- and PL-suitable (only in connection with temperature transmitter T06, data sheet 707071) |
| X | X |   | 930 | Ambient temperature housing -50 up to +90 °C  |

**Order code**

(1) (2) (3) (4) (5) (6) (7) (8)

-  -  -  -  -  -  /

**Quantity discount:**

As of 5 pieces: 5 %

As of 10 pieces: 10 %

As of 25 pieces: please inquire

<sup>1</sup> For extra code transmitter please specify measuring range in plain text.

**Stock versions**

| Order code                                   | Part no. |
|--|----------|
| 902524/25-380-1003-1-6-100-000/310,404,      | 00410556 |
| 902524/25-380-1003-1-6-150-000/310,404,      | 00410562 |
| 902524/25-380-1003-1-6-200-000/310,404,      | 00410563 |
| 902524/31-380-1003-1-6-100-000/000           | 00650840 |
| 902524/31-380-1003-1-6-100-000/330,(-30..60) | 00650841 |

Accessories see price sheet:

- Indoor and Outdoor RTD Temperature Probe (902520)
- Pipe Screw Connections (909750)
- Flanges (909750)