

**Produktinformation**

**Sensors and Instrumentation**

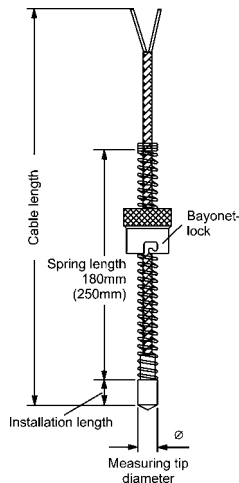
**Temperature Sensor  
 7012 / 7112**



**Characteristics**

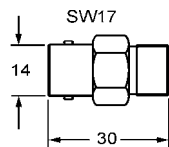
- Thermocouple Fe-CuNi (type J); NiCr-Ni (type K)
- RTD Pt100, class B
- Thermowell material stainless steel 1.4571
- Measuring tip plane or angle 120°
- Cable type flexible fiberglass insulation with steel wire braiding or Teflon-Silicon-insulation

**Dimensions**

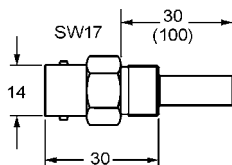


**Accessories**

Description	Ordering code
Thread adapter M10x1	GN-40
Thread adapter M12x1	GN-41
Thread adapter M12x1.75	GN-49 (standard)



Thermowell R ¼ 30 mm length      THR ¼ -SW17  
 Thermowell R ¼ 100 mm length      THR ¼ -SW17-100



**Ordering code**

1. 2. 3. 4. 5. 6. 7. 8. 9. 10. 11.  
 -  -  -  -  -  -  -  -  -  -  -

|  |  |
|--|--|
| <b>1. Measuring element</b>                          |  |
| 7012/J   | thermocouple Fe-CuNi (type J)                |
| 7012/K   | thermocouple NiCr-Ni (type K)                |
| 7112   | Pt100 class B                                |
| <b>2. Number of elements</b>                         |  |
| 1  |  |
| 2  |  |
| <b>3. Connection type</b>                            |  |
| 2L   | 2-wire                                       |
| 3L   | 3-wire (only 7112, Pt100)                    |
| 4L   | 4-wire (only 7112, Pt100)                    |
| <b>4. Measuring tip diameter</b>                     |  |
| 6  | 6 mm   |
| 8  | 8 mm   |
| <b>5. Measuring tip type</b>                         |  |
| P  | plane (flat tip)                             |
| W  | angle 120°                                   |
| <b>6. Installation length</b>                        |  |
| 15   | 15mm   |
| <b>7. Spring length</b>                              |  |
| -  | without                                      |
| 180  | 180mm  |
| 250  | 250mm  |
| <b>8. Bayonet lock type</b>                          |  |
| -  | without                                      |
| VK14   | inner diameter 12.2mm                        |
| VK17   | inner diameter 14.5mm                        |
| <b>9. Cable type insulation</b>                      |  |
| EGL  | flexible fiberglass with steel wire braiding |
| Te-Si  | Teflon-Silicon up to 180°C                   |
| <b>10. Cable length (please state in clear text)</b> |  |
| X  | length in mm                                 |
| <b>11. Operating temperature</b>                     |  |
| 180°C  | Teflon-Silicon-insulation                    |
| 400°C  | Fiberglass insulation                        |

(other versions on request)

**Stock**

- 7012/J-1-2L-6-W-15-180-VK17-EGL-2000-400°C
- 7012/J-1-2L-8-W-15-180-VK17-EGL-2000-400°C
- 7112-1-2L-6-P-15-180-VK17-EGL-2000-400°C
- 7112-1-2L-6-W-15-180-VK17-EGL-2000-400°C
- 7112-1-2L-8-P-15-180-VK17-EGL-2000-400°C
- 7112-1-2L-8-W-15-180-VK17-EGL-2000-400°C
- 7112-2-2L-6-W-15-180-VK17-EGL-2000-400°C
- 7112-2-2L-8-W-15-180-VK17-EGL-2000-400°C