

## Produktinformation

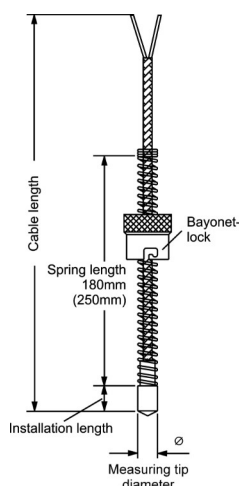
# Temperature Sensor 7012 / 7112



## 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



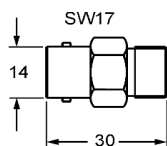
## Accessories

### Description

Thread adapter M10x1  
Thread adapter M12x1  
Thread adapter M12x1.75

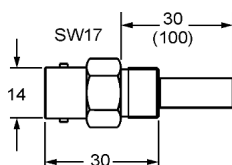
### Ordering code

GN-40  
GN-41  
GN-49 (standard)



Thermowell R ¼ 30 mm length  
Thermowell R ¼ 100 mm length

THR ¼ -SW17  
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>                          |                                              |
| 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