



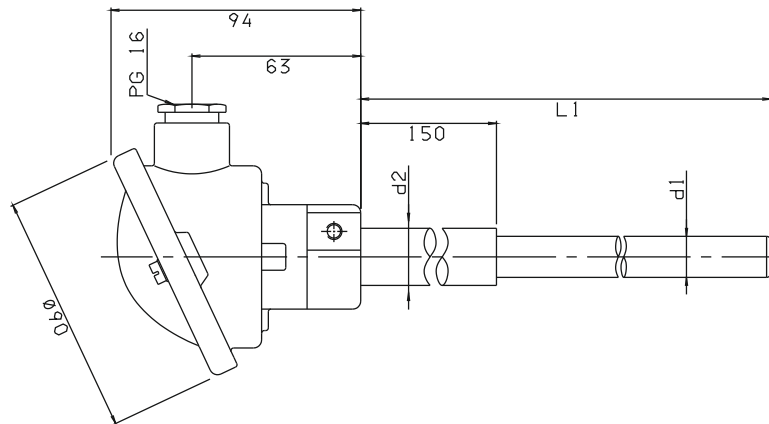
# Thermocouple

# TYPE AKK

## A-head, ceramics inside / steel support tube



- Straight thermocouple - Form AKK - DIN 43733 - for measurement of temperatures in e.g. glass and melting furnaces.
- Measuring insert with element according to DIN 43732.
- Outer protective sheath of ceramics according to DIN 43724 and inner protective sheath of ceramics according to DIN 43724.
- Steel support tube:  $\varnothing 32 \times 2$ , length 200 mm,  
 $\varnothing 22 \times 2$ , length 150 mm
- Connection head Form A - DIN 43729, of light alloy, protection IP 65, cable gland PG16.



Ordering: See ordering form on back page



# ORDERING FORM / THERMO COUPLE TYPE AKK

## Type AKK

### Imm. length/L1/mm

Min. 160 mm -

max. 1400 mm

Optional length .....

### Sheath dia./D1-wallth. -

#### D2 support tube / mm

15×2 - 22 .....

24×3 - 32 .....

### Connection

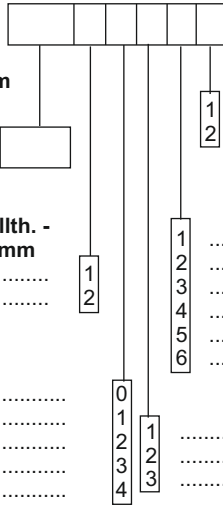
None .....

Ø22 flange .....

Ø32 flange .....

1" BSP thread .....

1 1/4" BSP thread .....



V2.0

### Tolerance class

- 1 ... 1
- 2 ... 2

### Thermoelement -

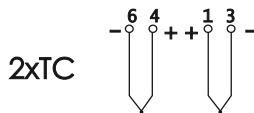
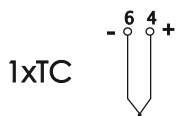
#### Type/working temperature

- 1 ..... K - NiCr-Ni -40 / +1000°C
- 2 ..... J - Fe-CuNi -40 / +700°C
- 3 ..... S - Pt10%Rh-Pt -40 / +1300°C
- 4 ..... R - Pt13%Rh-Pt -40 / +1300°C
- 5 ..... B - Pt30%Rh-Pt -40 / +1600°C
- 6 ..... N - NiCrSi-NiSi -40 / +1250°C

### Number of thermocouples

- 1 ..... 1×TC
- 2 ..... 2×TC
- 3 ..... 1×TC for transmitter

### Connection diagram:



### Head office:

Senmatic A/S  
 Industrivej 8, 5471 Søndersø, Denmark  
 Phone: +45 64 89 22 11  
 dk@senmatic.com - www.senmatic.com