

Technical brochure

Temperature sensor type AKS 12



Pt 1000 temperature sensor.

The sensor can be used for temperature logging on monitoring in conjunction with EKC controllers in the following areas:

- Refrigeration
- Air conditioning
- Heating

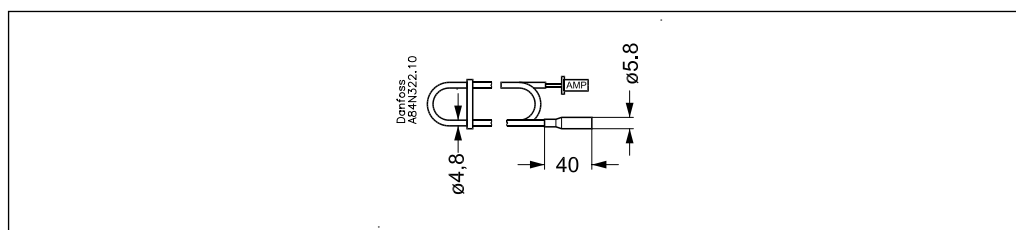
The sensor comes adjusted and complies with the requirements to tolerance in EN 60751, class B.

Temperature sensor type AKS 12

Technical data

| | |
|--------------------|---|
| Nominal resistance | 1000 ohm at 0°C |
| Measuring accuracy | Class B |
| Temperature range | -40 to 100°C |
| Cable material | PVC 2 × 0.22 mm ² |
| Sensor tube | 18/8 stainless steel |
| Time constant | 15 seconds |
| Enclosure | IP 67 |
| AMP Plug | AMP ital mod 2, housing 280 358 crimp contact 280 708-2 |

| R (Typ.) Ohm | Temp. °C | Temp. °F |
|-----------------|-------------|-------------|
| 1117 | 30 | 86 |
| 1078 | 20 | 68 |
| 1039 | 10 | 50 |
| 1000 | 0 | 32 |
| 961 | -10 | 14 |
| 922 | -20 | -4 |
| 882 | -30 | -22 |



Ordering

| Type | Cable | Packing Qty. | Code no. |
|--------|---------------------|--------------|----------|
| AKS 12 | 1.5 m | 1 | 084N0036 |
| | | 30 | 084N0035 |
| | 3.5 m | 30 | 084N0039 |
| | 5.5 m | 30 | 084N0038 |
| | 5.5 m with AMP-plug | 30 | 084N0037 |