



Pt 1000 product temperature sensor.

The sensor is developed for temperature monitoring and data logging in HACCP system. It has been designed to simulate a product placed in a refrigeration application. Hereby a realistic HACCP report is achieved.

Together with an ADAP-KOOL® appliance control the HACCP tolerance requirement of  $\pm 1$  K in the whole area is complied with in the whole range of -30 – 15 °C.



# **Product specification**

## **Technical data**

### **Table 1: General features**

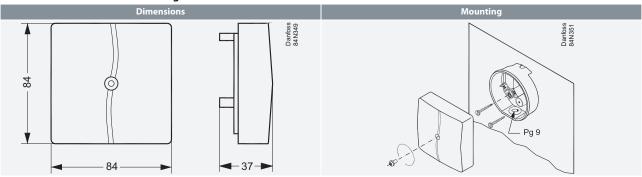
Features	Description
Nominal resistance	1000 ohm at 0 °C
Measuring accuracy	EN 60751 Class B
Temperature range	-30 – 50 °C
Cable material	PVC, $2 \times 0.25 \text{ mm}^2$
Sensor	Cover: ABS Bottom: PC (polycarbonate)
Enclosure	IP 54
Time constant in air	T90 = 3 - 15  min.

**Table 2: Temperature range** 

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

## **Dimensions and Mounting**

**Table 3: Dimensions and Mounting** 





## **Ordering**

#### **Table 4: Ordering**

Туре	Cable length	Weight approx.	Number	Code no.
AK-HS 1000	5.5 m	200 g	1 pcs.	084N1007, 084N1022 <sup>(1)</sup>

<sup>(1)</sup> This type is certified for controllers with non-galvanic separated power supply.



If the cabled is lengthened, length and cable square must match so that the overall HACCP requirements of  $\pm 1$  K are complied with.

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#### Table 5: Certificates, declarations, and approvals

File name	Document type	Document topic	Approval authority
UA.1O146.D.00075-19	UA Declaration	EMCD/LVD	LLC CDC EURO TYSK



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