



Data sheet

Temperature sensor 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.

Features

- Temperature range -40 100 °C
- The sensors are adjusted and comply with the requirements to tolerance in EN 60751, class B



Technical data

Nominal resistance	1000 ohm at 0 °C		
Measuring accuracy	Class B		
Temperature range	-40 – 100 °C		
Cable material	PVC, 2 x 0.22 mm ²		
Sensor tube	18/8 stainless steel		
Time constant	15 seconds		
Enclosure	IP67		
AMP-Plug (selected sensors only)	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

ENGINEERING TOMORROW



Ordering

Туре	Cable	Packing Qty.	Code no.
1.5 m 3.5 m KS 12 5.5 m 5.5 m with AMP-Plug 8.5 m	1.5 m	1	084N0036
		30	084N0035
	3.5 m	30	084N0039
	- 	30	084N0038
	1	084N0046	
		30	084N0037
	1	084N0045	
	8.5 m	30	084N0041
	1		

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