NTC - Humidity/ temperature sensor
pluggable

Application:

The plug-in humidity/temperature sensor is suitable for measuring temperature and relative humidity in storage, refrigeration and work rooms or in the air conditioning/ventilation duct. The moisture/temperature sensor is plugged in directly and is therefore connected to the measuring instrument or data logger compactly. The humidity sensor for measuring relative humidity is durable, resistant to thawing and based on international humidity standards such as ILAC, PTB and NIST.

Version:

▪ Sensor type: NTC

▪ Measuring range, temperature: -30 to +50°C

▪ Accuracy of temperature: ±0.2°C at -20 to -50°C

▪ Accuracy of temperature: ±0.4 (remaining measuring range) + additional device uncertainty

▪ Temperature resolution: 0.1°C

▪ Measuring range humidity: 0 to +100 %rF

▪ Accuracy of humidity: ±2 %rF at +25°C (+2 to +98 %rF)

▪ Accuracy of humidity: ±0.03 %rF/K (k=1)

▪ Long-term stability: ±1 %rF/year

▪ Humidity resolution: 0.1 %rF, 0.1°C td

Art. no.	46108 510
Sensor type	NTC
Probe type	Humidity/temperature sensor
Min./max. temperature measuring range	-30 to 50 °C
Accuracy temperature	+/- 0.2°C at -20 to -50°C, +/- 0.4°C (remaining measuring range) + additional device uncertainty
Min./max. humidity (rF) of measuring range	0-100 %
Accuracy humidity	+/- 2 %rF (2 up to 98 %rF) (at +25 °C), +/- 0,03 %rF/K (k=1), Long-term stability: +/- 1 %rF / Year
Resolution humidity (rF)	0.1 %

EAN-Code

4029547013379

HAHN+KOLB GROUP