Produkt	nSens-HT-ENH			**novasina** The Art of Precision Measurement
Dokument	Technical data sheet			Novasina AG CH-8853 Lachen
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nSens-HT-ENH: Heated Electrolytic high precision humidity measurement for condensing environment

Digital humidity / temperature sensor based on electrolytic-resistive measurement technology. With NTC temperature sensor.

Heated sensor allows drift free and stable measurement in condensing environment.

Communication based on nSens-Bustechnology. Sensor can quickly be exchanged to another nSens and is compatible with all nSens components (cables, transmitters, handhelds etc)

Art. Nr. 260 1771 (nSens-HT-ENH)

Technical data

Description	nSens-HT-ENH Electrolytic humidity (heated) and NTC temperature measurement		
Measuring range	Humidity	0 … 100% rH	
	Temperature	-20 ... +60°C	
Accuracy incl. reproducibility and hystereses	Humidity*	15 … 30°C 0 … 50°C	**typical +/-1.0% rH** **typical +/- 1.5% rH**
	Temperature	0 … +60°C -20 … +0°C	typical +/- 0.2K typical +/- 0.3K
Drift	Humidity	typical <1%/ year	
Calibration Points	Humidity	13 points complete measuring range	
	Temperature	2 points complete measuring range	
Communication	digital (nBus Bussystem)		
Housing material	PVDF black		
Mechanical protection	nCap-PS Polyethylen Silberoxid Filter		
Operating temperature	-20 to +60°C		
Storing temperature	0 to +60° C (non condensing)		
Chemical durability	Sensor and housing durable against H_2O_2, NH_3 up to 1%.		

 * The humidity accuracy refers to the nominal values of Novasina humidity standards, which refer to the Greenspan Report.

Compatible with all nSens cables, nlink adapters, Quantadat and Datalog30.
Do not use with NovaZone Wireless sensor.