

Product	nSens-T-NBS			novasina The Art of Precision Measurement
Document	Technical data sheet			Novasina AG CH-8853 Lachen
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nSens-T-NBS (NTC Temperature measurement)



Digital temperature sensor based on NTC probe (30kOhm, 1/3B).
Communication based on nSens-Bustechnology. Sensor can quickly be exchanged to another nSens and is compatible with all nSens components (cables, transmitters, handhelds etc). Calibration on the nSens.

Art. Nr. 260 1172 (nSens-T-NBS)

Technical data

Description	nSens-T-NBS NTC temperature probe		
Measuring range	Temperature	-20 ... +80°C	
Measuring principle	NTC Thermoelement, class 1/3B		
Accuracy	Temperature	0 ... +65°C -30 ... +80°C	typical +/- 0.1K typical +/- 0.2K
Calibration points	Temperature	2 points complete measuring range	
Communication	digital (nBus Bussystem), compatible with all nLink Adapters, nSens cables, QuantaDate, ect.		
Housing material	PVDF black		
Mechanical protection	nCap-E PVDF Protection cap without filter		
Operating temperature	-30 to +80°C		
Storing temperature	-10 to +60° C (non condensing)		
Chemical durability	Sensor and housing durable against H ₂ O ₂ , NH ₃ up to 1%.		

