

Temperature/Humidity Sensor



High-precision Temperature/Humidity Sensor Technical data Measurement accuracy incl. reproducibility and hysteresis Weasuring range Operating temperature Storage temperature Principle Accuracy Principle Measuring range O,15°C between 0+70°C, otherwise 0,25°C Relative humidity Principle Measuring range O 100 % Housing Material Mechanical sensor protection Compatibility Measuring salt 32 8% RH Humidity*: 1530°C, ±0,5% RH 050°C, ±0,8% RH -2080°C 1530°C 1630°C 1	High-precision Temperature/Humidity Sensor			
racy incl. reproducibil- ity and hysteresis Description Temperature Measuring range Operating temperature Storage temperature Principle Accuracy Opinciple Measuring range Outside the principle Accuracy Opinciple Measuring range Principle Accuracy Opinciple Measuring range Outside the principle Accuracy Opinciple Measuring range Outside the principle Measuring range Material Mechanical sensor protection Compatibility Accessories Principle Accessories Resistive-electrolytic Measuring range Outside the protection Standard polyethylene dust filter Stroughler Stroughl	High-precision Temperature/Humidity Sensor			
Operating temperature	Technical data	racy incl. reproducibil-	1530°C, ±0,5% RH 050°C, ±0,8% RH	
temperature Storage temperature Principle Accuracy O,15°C between 0+70°C, otherwise 0,25°C Relative humidity Principle Resistive-electrolytic Measuring range O 100 % Housing Material PVDF black Mechanical sensor protection Compatibility XA1000, XP200, OPUS20E Accessories	Temperature	Measuring range	-2080°C	
Principle NTC Accuracy 0,15°C between 0+70°C, otherwise 0,25°C Relative humidity Principle Resistive-electrolytic Measuring range 0 100 % Housing Material PVDF black Mechanical sensor protection Compatibility XA1000, XP200, OPUS20E Accessories Calibration salt 11,3% RH 5700.113			-2080°C	
Accuracy 0,15°C between 0+70°C, otherwise 0,25°C Relative humidity Principle Resistive-electrolytic Measuring range 0 100 % Housing Material PVDF black Mechanical sensor protection protection Compatibility XA1000, XP200, OPUS20E Accessories Calibration salt 11,3% RH 5700.113		Storage temperature	-1060°C (non-condensing)	
compatibility Relative humidity Principle Resistive-electrolytic Measuring range 0 100 % PVDF black Mechanical sensor protection Compatibility XA1000, XP200, OPUS20E Accessories Accessories Accessories Accessories PVDF black Standard polyethylene dust filter protection 5700.113		Principle	NTC	
Measuring range 0 100 % Housing Material PVDF black Mechanical sensor protection Compatibility XA1000, XP200, OPUS20E Accessories Calibration salt 11,3% RH 5700.113		Accuracy	· ·	
Housing Material PVDF black Mechanical sensor protection Compatibility XA1000, XP200, OPUS20E Accessories Calibration salt 11,3% RH 5700.113	Relative humidity	Principle	Resistive-electrolytic	
Mechanical sensor protection Compatibility Accessories Standard polyethylene dust filter protection Standard polyethylene dust filter protection filter protection Standard polyethylene dust filter protection filter protec		Measuring range	0 100 %	
protection Compatibility XA1000, XP200, OPUS20E Accessories Calibration salt 11,3% RH 5700.113	Housing	Material	PVDF black	
Accessories Calibration salt 11,3% RH 5700.113			Standard polyethylene dust filter	
	Compatibility	XA1000, XP200, OPUS20		
Calibration salt 32 8% RH 5700 328	Accessories	Calibration salt 11,3% RH		5700.113
Odilbration 34t 02,070 Till		Calibration salt 32,8% RH		5700.328
Calibration salt 52,9% RH 5700.529		Calibration salt 52,9% RH		5700.529
Calibration salt 75,3% RH 5700.753		Calibration salt 75,3% RH		5700.753
Calibration salt 90,1% RH 5700.901		Calibration salt 90,1% RH		5700.901
Calibration adapter 5700.A13		Calibration adapter		5700.A13

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