

XA1000
XP200



Temperature/Humidity Sensor



High-precision Temperature/Humidity Sensor			Order No.
High-precision Temperature/Humidity Sensor			8130.TFF
Technical data	Measurement accuracy incl. reproducibility and hysteresis	Humidity*:	
		15...30°C, ±0,5% RH	
Temperature	Measuring range	0...50°C, ±0,8% RH	
		-20...80°C, ±2,5% RH	
	Operating temperature	-20...80°C	
		Storage temperature	
	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	Standard polyethylene dust filter	
Compatibility	XA1000, XP200, OPUS20E		
Accessories	Calibration salt 11,3% RH	5700.113	
	Calibration salt 32,8% RH	5700.328	
	Calibration salt 52,9% RH	5700.529	
	Calibration salt 75,3% RH	5700.753	
	Calibration salt 90,1% RH	5700.901	
	Calibration adapter	5700.A13	

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