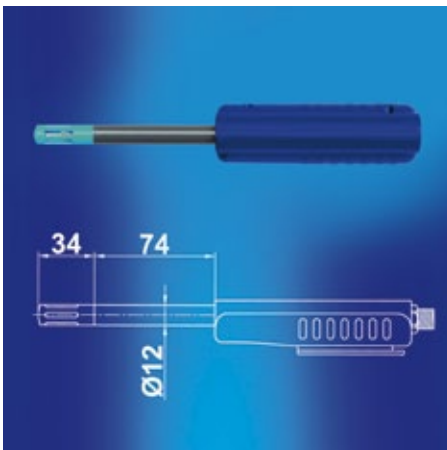


XA1000
XP200

Temperature/Humidity Sensor



Digital TFF20			Order No.
Reference measurement in service and maintenance, suitable for measurements in air conditioning and heating industry segments.			8120.TFF
Technical Data	Dimensions	Length 85 mm, Ø 12 mm	
	Weight	Approx. 50g	
	Protection	Polycarbonate / IP65	
	Permitted operation temp.	0...50°C	
	Permitted humidity	0...100% RH	
	Storage temperature	-20...60°C	
	Storage humidity	20...80% RH	
	Relative Humidity	Measurement range	0... 100% RH
Accuracy		± 2 % (0 ... 90 %), ± 3 % (90 ... 100 %) RH	
Resolution		0.01 % RH	
Principle		Capacitive	
Temperature	Measurement range	- 40 ... 80 °C	
	Accuracy (20°C)	± 0.1 °C	
	Accuracy (0...40°C)	± 0.2 °C otherwise ± 0.5 °C	
	Resolution	0.01 °C	
	Principle	PT1000, Class A, DIN EN 60751	
Absolute Humidity	Measurement range	0...300g/m ³	
	Unit	g/m ³	
Dew Point Temp.	Measurement range	-40...80°C	
Mixing Ratio	Measurement range	0...550g/kg	
Compatibility	XA1000, XP200, OPUS20E		
Accessories	Stainless steel sinter cap		5120.212
	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		8120.ADAP



Allround SDI Temperature/Humidity Sensor			Order No.
Compact temperature-/humidity sensor, in stainless steel tube. Application in HVAC field, reference measurement in accordance with ISO9000 Quality Assurance			9130.540
Technical Data	Dimensions Sensor	Length 74 mm, Ø 12 mm	
	Dimensions Housing	117 x 38 mm	
	Weight	Approx. 80g	
	Protection	Housing/Sensor IP40 Sensor head plastic mesh	
	Permitted operation temp.	0...50°C	
	Permitted humidity	0...100% RH	
	Storage temperature	-20...60 °C	
	Storage humidity	20...80% RH	
Relative Humidity	Measurement range	0... 100% RH	
	Accuracy	± 2 % (0 ... 90 %), ± 3 % (90 ... 100 %) RH	
	Resolution	0.1 % RH	
	Principle	Capacitive	
Temperature	Measurement range	-20 ... 70 °C	
	Accuracy (20°C)	± 0.2 °C	
	Accuracy (-10...50°C)	± 0.4 °C otherwise ± 0.5 °C	
	Resolution	0.1 °C	
	Principle	NTC	
Compatibility	XA1000, XP200		
Accessories	Stainless steel sinter cap		5120.212
	Extension and/or connecting cable for digital sensor, 2m		8120.KAB2
	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		8120.ADAP