



**Sensoren / Sensors**  
**XA1000 / XP200 / XP400**  
**XP100 / XP101**

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**Lufft**

## *PT100 Immersion Probes, 3120.520 + 3120.53*

***The immersion probe is suitable for temperature measurement in gaseous media, liquids and bulk solids (e.g. sand).***

- Response time: 10 sec.*
- Measured variable: Temperature °C/°F*
- Sensor is automatically detected by XP100/XP101*



## *PT100 Immersion / Penetration Probe, 3120.540*

*The high-precision immersion / penetration probe with stainless steel protective tube is suitable for use as a reference sensor for calibration / test equipment and other applications*

- Response time: 10 sec.*
- Measured variable: Temperature °C/°F*
- Sensor is automatically detected by XP100/XP101*



## *PT100 Food Penetration Probe in Stainless Steel, 3120.550*

***Food penetration probe with stainless steel protective tube for precise temperature measurements (PT100 1/10 Class B).***

- Response time: 10 sec.*
- Measured variable: Temperature °C/°F*
- Sensor is automatically detected by XP100/XP10*



## *PT100 Immersion Probe, 3120.560*

***Accuracy with PT100 1/10 DIN B (0.05°C) in stainless steel protective tube. Mineralized sleeve.***

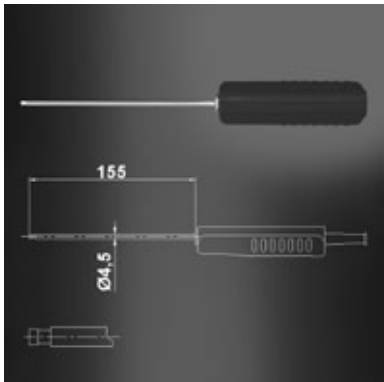
- Response time: 10 sec.*
- Measured variable: Temperature °C/°F*
- Sensor is automatically detected by XP100/XP101*



## *PT100 Surface Sensor, 3120.600*

*A spring-loaded sensor that detects temperature is located on the head of the surface temperature sensor. Applications: flat, smooth, metallic surfaces.*

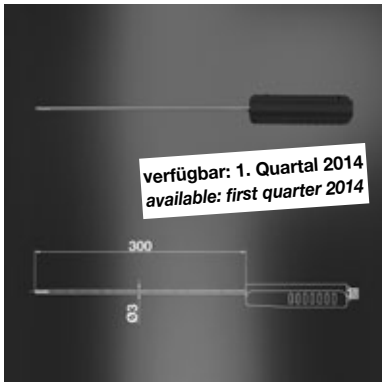
- Response time: 10 sec.*
- Measured variable: Temperature °C/°F*
- Sensor is automatically detected by XP100/XP101*



## *PT100 Immersion Probe, 3120.700*

*The high-precision immersion probe with ceramic sensor in mineral insulated design is ideal for use as a reference sensor for calibration / test equipment.*

- *Response time: 10 sec.*
- *Measured variable: Temperature °C/°F*
- *Sensor is automatically detected by XP100/XP101*



## ***Digital Temperature / Humidity Sensor, 8120.TFF***

***Comparative measurements in service and maintenance applications.  
Suitable for measuring tasks in the heating ventilating and air  
conditioning industry.***

- Measured variables: Temperature °C/°F, Relative Humidity %*
- Sensor is automatically detected by XA1000/XP200*
- Can be calibrated and adjusted*







## ***Digital High Precision Humidity Sensor, 8130.TFF***

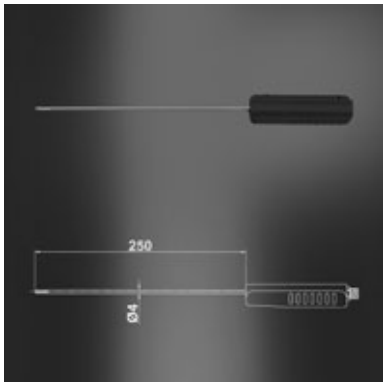
***The highly precise humidity / temperature sensor is ideal for use as a reference sensor for calibration / test equipment.***

- Measured variables: Temperature °C/°F, Relative Humidity %*
- Sensor is automatically detected by XA1000/XP200*
- Can be calibrated and adjusted*

## *SDI Temperature / Humidity Sensor with 4 mm Diameter, 9130.520*

***Compact, slim temperature / humidity sensor in stainless steel protective tube. With a diameter of just 4mm, the sensor is suitable for use at inaccessible measuring points.***

- Response time: 15 sec.*
- Measured variables: Temperature °C/°F, Relative Humidity %*
- Sensor is automatically detected by XA1000/XP200*



## *SDI Temperature / Humidity Sensor for High Temperatures, 9130.530*

***This stainless steel sensor equipped with a Teflon probe is particularly suitable for temperature / humidity measurements at high temperatures***

- Response time: 30 sec.*
- Measured variables: Temperature °C/°F, Relative Humidity %*
- Sensor is automatically detected by XA1000/XP200*



## *SDI Temperature / Humidity Sensor, 9130.540*

***Compact temperature / humidity sensor. Applications in the HVAC field. Comparative measurements in the context of ISO9000 quality assurance.***

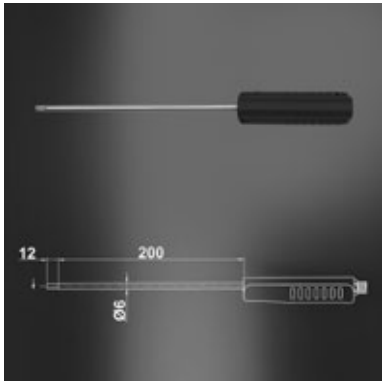
- Response time: 7 sec.*
- Measured variables: Temperature °C/°F, Relative Humidity %*
- Sensor is automatically detected by XA1000/XP200*



## *SDI Flow (0...2 m/s), 6120.510*

***For use as a reference device for flow and temperature measurements in service and maintenance applications. Verification of air tightness of rooms and buildings.***

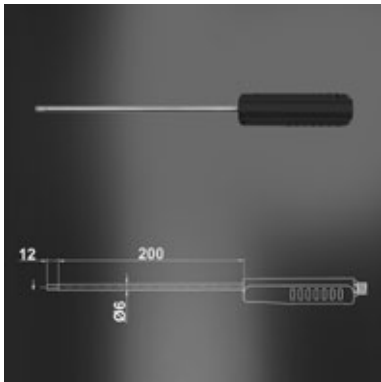
- *Response time: 1.5 sec.*
- *Measured variables: Temperature °C/°F, Flow Rate m/s / fpm*
- *Sensor is automatically detected by XA1000/XP400*



## *SDI Flow(0...20 m/s), 6120.520*

***For the measurement of flow and temperature in climate measurement technology.***

- *Response time: 1.5 sec.*
- *Measured variables: Temperature °C/°F, Flow Rate m/s / fpm*
- *Sensor is automatically detected by XA1000/XP400*



## *Digital CO<sup>2</sup> Sensor, 7120.CO2*

***Robust CO<sup>2</sup> sensor for monitoring IAQ (Indoor Air Quality).***

- *Measured variable: CO<sup>2</sup> (carbon dioxide)*
- *Sensor is automatically detected by XA1000/Opus20E*
- *Measuring range: 0 .... 5000 ppm*
- *Can be calibrated and adjusted*



**verfügbar: 1. Quartal 2014**  
**available: first quarter 2014**

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Status V2 (11\_2013)