

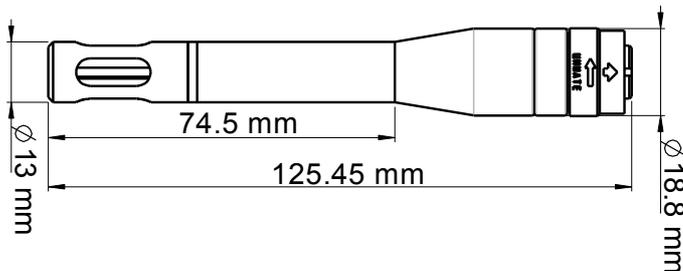
Temperature, hygrometry, CO and CO₂ probes for class 310 transmitters



STAINLESS STEEL HYGROMETRY/TEMPERATURE PROBE

Stainless steel interchangeable hygrometry and ambient temperature probe with stainless steel filter. Standard mounting probe 120 mm length with hermetic connector 1/4 de tour. Optional : protection tips, filters. Supplied with adjusting certificate.

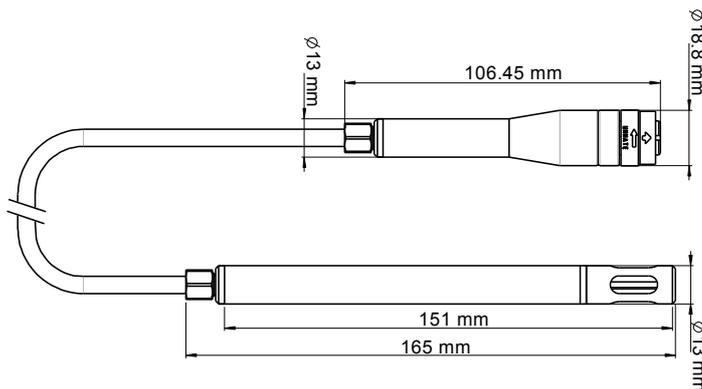
Ref : SHSI



Measuring ranges	From 5 to 95%RH and from -20 to 80 °C
Accuracy*	Hygrometry : - Accuracy** (Repeatability, linearity, hysteresis) : ±1.5%RH (from 15°C to 25°C) - Factory calibration uncertainty : ±0.88 %RH - Temperature dependence : ±0.04 x (T-20) %RH (if T<15°C or T>25°C) Pt100 temperature : ±0.3% of reading ±0.25°C
Resolution	0.1 %RH / 0.1 °C
Units of psychrometric measurements	Absolute humidity : 1 g/kg Dew point temperature : 0.1 Ctd / 0.1 Ftd Wet temperature : 0.1 Ctw / 0.1 Ftw Enthalpy : 0.1 Kj/Kg

Stainless steel interchangeable hygrometry and ambient temperature probe with stainless steel filter. Remote probe 150 mm length, 13 mm diameter. White silicone cable 2 m length with hermetic connector. Optional : protection tips, filters. Supplied with adjusting certificate.

Ref : SHDI-150

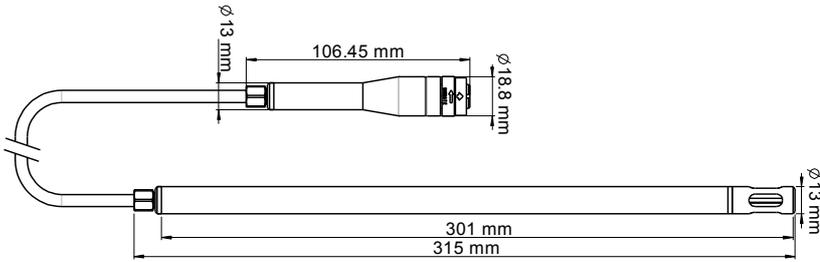


Measuring ranges	From 5 to 95%RH and from -40 to +180 °C
Accuracy*	Hygrometry : - Accuracy** (Repeatability, linearity, hysteresis) : ±1.5%RH (from 15°C to 25°C) - Factory calibration uncertainty : ±0.88 %RH - Temperature dependence : ±0.04 x (T-20) %RH (if T<15°C or T>25°C) Pt100 temperature : ±0.3% of reading ±0.25°C
Resolution	0.1 %RH / 0.1 °C
Units of psychrometric measurements	Absolute humidity : 1 g/kg Dew point temperature : 0.1 Ctd / 0.1 Ftd Wet temperature : 0.1 Ctw / 0.1 Ftw Enthalpy : 0.1 Kj/Kg

*All accuracies indicated in this document were stated in laboratory conditions and can be guaranteed for measurements carried out in the same conditions, or carried out with calibration compensation. As per NFX 15-113 and the Charter 2000/2001 HYGROMETERS, GAL (Guaranteed Accuracy Limit) which has been calculated with a coverage factor value of 2 is ±2.88%RH between 18 and 28°C on the measuring range from 5 to 95%RH. Sensor drift is less than 1%RH/year.

Stainless steel interchangeable hygrometry and ambient temperature probe with stainless steel filter. Remote probe 300 mm length, 13 mm diameter. White silicone cable 2 m length with hermetic connector. Supplied with adjusting certificate. Optional : protection tips, filters.

Ref : SHDI-300

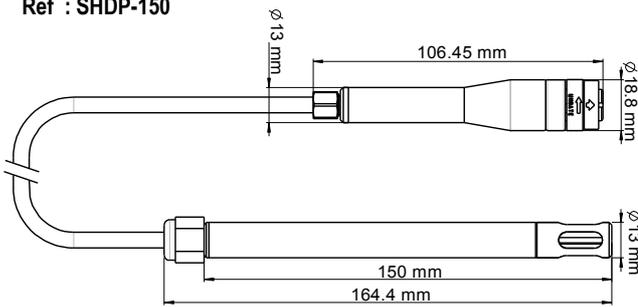


Measuring ranges	From 5 to 95%RH and from -40 to +180 °C
Accuracy*	Hygrometry : - Accuracy** (Repeatability, linearity, hysteresis) : ±1.5%RH (from 15°C to 25°C) - Factory calibration uncertainty : ±0.88 %RH - Temperature dependence : ±0.04 x (T-20) %RH (if T<15°C or T>25°C) Pt100 temperature : ±0.3% of reading ±0.25°C
Resolution	0.1 %RH / 0.1 °C
Units of psychrometric measurements	Absolute humidity : 1 g/kg Dew point temperature : 0.1 Ctd / 0.1 Ftd Wet temperature : 0.1 Ctw / 0.1 Ftw Enthalpy : 0.1 Kj/Kg

POLYCARBONATE HYGROMETRY/TEMPERATURE PROBE

Polycarbonate interchangeable hygrometry and ambient temperature probe with stainless steel filter. Remote probe 150 mm length, 13 mm diameter. White silicone cable 2 m length with hermetic connector. Supplied with adjusting certificate. Optional : protection tips, filters.

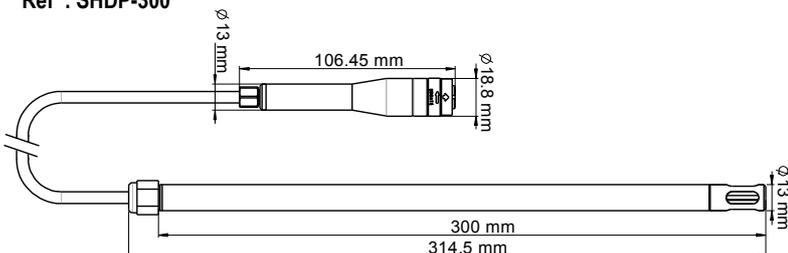
Ref : SHDP-150



Measuring ranges	From 5 to 95%RH and from -20 to +80 °C
Accuracy*	Hygrometry : - Accuracy** (Repeatability, linearity, hysteresis) : ±1.5%RH (from 15°C to 25°C) - Factory calibration uncertainty : ±0.88 %RH - Temperature dependence : ±0.04 x (T-20) %RH (if T<15°C or T>25°C) Pt100 temperature : ±0.3% of reading ±0.25°C
Resolution	0.1 %RH / 0.1 °C
Units of psychrometric measurements	Absolute humidity : 1 g/kg Dew point temperature : 0.1 Ctd / 0.1 Ftd Wet temperature : 0.1 Ctw / 0.1 Ftw Enthalpy : 0.1 Kj/Kg

Polycarbonate interchangeable hygrometry and ambient temperature probe with stainless steel filter. Remote probe 300 mm length, 13 mm diameter. White silicone cable 2 m length with hermetic connector. Supplied with adjusting certificate. Optional : protection tips, filters.

Ref : SHDP-300



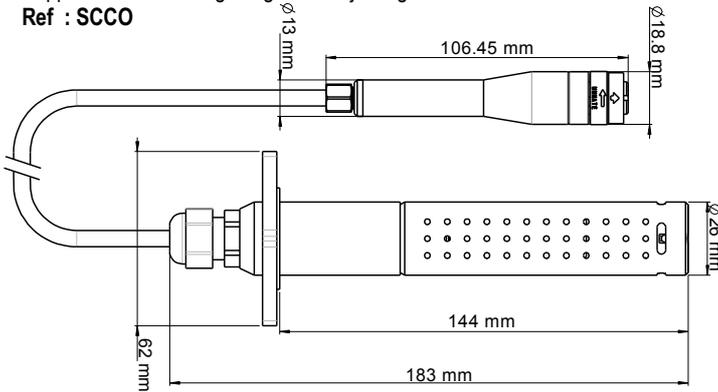
Measuring ranges	From 5 to 95%RH and from -20 to +80 °C
Accuracy*	Hygrometry : - Accuracy** (Repeatability, linearity, hysteresis) : $\pm 1.5\%RH$ (from 15°C to 25°C) - Factory calibration uncertainty : $\pm 0.88\%RH$ - Temperature dependence : $\pm 0.04 \times (T-20)\%RH$ (if $T < 15^\circ C$ or $T > 25^\circ C$) Pt100 temperature : $\pm 0.3\%$ of reading $\pm 0.25^\circ C$
Resolution	0.1 %RH / 0.1 °C
Units of psychrometric measurements	Absolute humidity : 1 g/kg Dew point temperature : 0.1 Ctd / 0.1 Ftd Wet temperature : 0.1 Ctw / 0.1 Ftw Enthalpy : 0.1 Kj/Kg

*All accuracies indicated in this document were stated in laboratory conditions and can be guaranteed for measurements carried out in the same conditions, or carried out with calibration compensation.
As per NFX 15-113 and the Charter 2000/2001 HYGROMETERS, GAL (Guaranteed Accuracy Limit) which has been calculated with a coverage factor value of 2 is $\pm 2.88\%RH$ between 18 and 28°C on the measuring range from 5 to 95%RH. Sensor drift is less than 1%RH/year.

CO / TEMPERATURE PROBE

ABS V0 interchangeable CO and temperature probe. Remote probe 160 mm length, 26 mm diameter. White PVC cable 2 m length with hermetic connector. Supplied with mounting flange and adjusting certificate.

Ref : SCCO

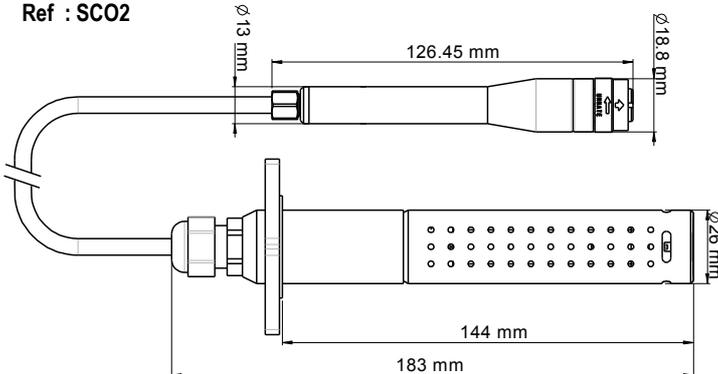


Measuring ranges	From 0 to 500 ppm and from 0 to 50 °C
Accuracy*	CO : $\pm 3\%$ ppm or 3% of measured value NTC temperature : $\pm 0.3^\circ C$
Resolution	0.1 ppm / 0.1 °C

CO₂ / TEMPERATURE PROBE

ABS V0 interchangeable CO₂ and temperature probe. Remote probe 160 mm length, 26 mm diameter. White PVC cable 2 m length with hermetic connector. Supplied with mounting flange and adjusting certificate.

Ref : SCO2



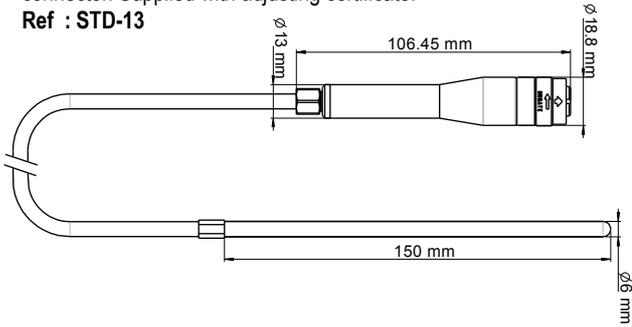
Measuring ranges	From 0 to 5000 ppm and from 0 to 50 °C Other available range in CO ₂ : from 0 to 20 000 ppm
Accuracy*	CO₂ : from 0 to 5000 ppm : $\pm 3\%$ of reading $\pm 50ppm$ from 0 to 20 000 ppm : $\pm 5\%$ of reading $\pm 100 ppm$ NTC temperature : $\pm 0.3^\circ C$
Resolution	0.1 ppm / 0.1 °C

*All accuracies indicated in this document were stated in laboratory conditions and can be guaranteed for measurements carried out in the same conditions, or carried out with calibration compensation.

TEMPERATURE

Interchangeable Pt100 1/3 DIN temperature probe for general use, contact tip 6 mm diameter, 150 mm length, IP65. Grey silicone cable 2 m length with hermetic connector. Supplied with adjusting certificate.

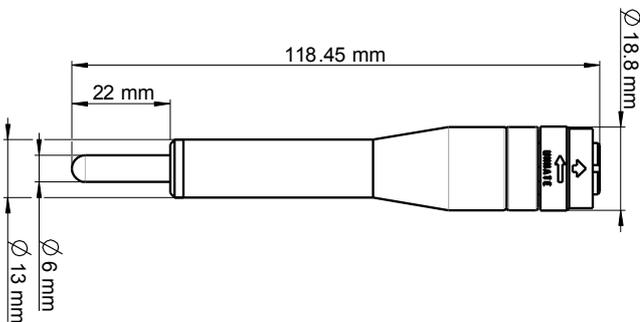
Ref : STD-13



Measuring range	From -50 to +180 °C
Accuracy*	±0.3% of reading ±0.25°C
Resolution	0.1 °C

1/3 DIN Pt100 temperature probe of general use, type STS-13 interchangeable, contact tip diameter 6 mm, length 22 mm. Measuring range from -20 to +80 °C. Direct output on connector for C 310, CPE 310 (with adaptor) and CA 310 transmitters. Supplied with adjusting certificate.

Ref : STS-13



Measuring range	From -20 to 80 °C
Accuracy*	±0.3% of reading ±0.25°C
Resolution	0.1 °C

*All accuracies indicated in this document were stated in laboratory conditions and can be guaranteed for measurements carried out in the same conditions, or carried out with calibration compensation.

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