

# Calibration Certificate & Function Test

## Gerät / Device / Appareillage / Apparecchio

Instrument	BL-1D	
Version number	v3.0	
Serial number	A17030191	
Measuring range	0...100 %RH / -30...70 °C / 300...1100 hPa	
Accuracy	0...100 %RH	±3 %RH
	-30...-20 °C	±0.5 K
	-20...70 °C	±0.3 K
	300...1100 hPa	±3 hPa

## Allgemein / General / Général / Generale

ROTRONIC AG certifies that this instrument meets the specifications of our datasheet. It has been calibrated and corresponds to the test requirements of ISO9001-2008. The instrument mentioned above was calibrated by comparison of the relative humidity and temperature values to the HygroClip HC2-S factory transfer standards. The traceability of the factory transfer standards is given by calibration at an ISO 17025 (SCS-065) accredited calibration laboratory. The SCS-065 calibration laboratory is traceable to the national standard at the Federal Institute of Metrology (METAS). The barometric pressure sensor was calibrated by comparison to an BL-1D master unit.

## Referenz / Reference / Référence / Referenza

Parameter	Instrument	Serial number	Calibration date
Humidity	HC2-S	20131593	13.02.2017
Temperature	HC2-S	20131592	14.02.2017
Pressure	BL-1D	M-908	03.01.2017

## Kalibrierung / Calibration / Étalonnage / Calibratura

### Humidity

No.	Reference [%RH]	Reading [%RH]	Deviation [%RH]
1	32.8	33.0	0.2
2	75.6	75.5	-0.1

### Temperature

No.	Reference [°C]	Reading [°C]	Deviation [°C]
1	25.1	25.1	0.0
2	25.2	25.1	-0.1

### Pressure

No.	Reference [hPa]	Reading [hPa]	Deviation [hPa]
1	1005	1006	1

## Funktionstest / Function test / Test de fonctionnement / Test funzionali

Display	OK
Keys	OK
Power	OK
Communication	OK

Datum / Date / Date / Date 18.03.2017  
Prüfer / Inspector / Vérificateur / Verificatore 130004  
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