VAISALA

Calibration Certificate

Certificate Number: H73-1011917 **Page 1 (1)**

Customer:
Manufacturer: Vaisala Oyj
Instrument: VL-4000-405 Analog Logger
Serial Number: 10104034

The analog input(s) of the above described logger was calibrated by comparing the logger readings to a reference Precision Source Measurement Unit.
The reported expanded uncertainty of measurement is stated as the standard uncertainty of measurement multiplied by the coverage factor k = 2, which for a normal distribution corresponds to a coverage probability of approximately 95 %.
Traceable to the SI units (International System of Units) via national metrology institutes.

Measurement results after adjustment:

Reference	Channel 1					Channel 2					
Reference	Observed	Error	Uncertainty	Limit	Pass/Fail	Observed	Error	Uncertainty	Limit	Pass/Fail	Notes
V	V	V	V	V		V	V	V	V		
0.500	0.500	0.000	0.002	± 0.0075	Pass	0.500	0.000	0.002	± 0.0075	Pass	
2.500	2.500	0.000	0.002	± 0.0075	Pass	2.500	0.000	0.002	± 0.0075	Pass	
5.000	5.000	0.000	0.002	± 0.0075	Pass	5.000	0.000	0.002	± 0.0075	Pass	

Reference	Channel 3					Channel 4					
Reference	Observed	Error	Uncertainty	Limit	Pass/Fail	Observed	Error	Uncertainty	Limit	Pass/Fail	Notes
V	V	V	V	V		V	V	V	V		
0.500	0.500	0.000	0.002	± 0.0075	Pass	0.500	0.000	0.002	± 0.0075	Pass	
2.500	2.500	0.000	0.002	± 0.0075	Pass	2.499	-0.001	0.002	± 0.0075	Pass	
5.000	5.000	0.000	0.002	± 0.0075	Pass	4.999	-0.001	0.002	± 0.0075	Pass	

Reference(s):	Serial Number	Calibration Date	Certificate	Next Calibration
NI PXIE-4141	LP 14476	2014-02-26	1250-307054397	2015-02-28

Note(s):
This is new instrument without before adjustment data

Calibration Date: November 24, 2014 **Next Calibration:** November 24, 2015

Date: November 24, 2014

Signature: Digitally signed by VIKR
Date: 2014.11.24 13:36:56 +02:00
Reason: Calibration responsible
Location: Vaisala Oyj

Ville Kröger
Calibration technician

Ambient Condition(s):
22.8 °C ±0.1 °C
21.9 %RH ±0.2 %RH
1024.2 hPa ±0.4 hPa

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