2. Common mode sensitivity

Software Set-up
Calibration time: 3 sec, Measuring time: 3 sec
High/Low Range

in μV	Common mode Input Voltage	High Range Reading	Low Range Reading
Channel X	200mV	-5.3807	-6.0055
	- 200mV	7.2138	6.8691
Channel Y	200mV	6.7947	7.3255
	- 200mV	-8.2084	-8.8095
Channel Z	200mV	8.9017	8.6519
	- 200mV	-10.436	-10.703

3. Channel separation

Software Set-up
Calibration time: 3 sec, Measuring time: 3 sec
High Range

in μV	Input Voltage	Channel X	Channel Y	Channel Z
Channel X	200mV	-	0.11682	0.64524
Channel Y	200mV	1.0687	-	1.9222
Channel Z	200mV	-4.2564	1.0633	-

4. AD-Converter Values with inputs shorted

in LSB	Low Range	High Range
Channel X	16152	15578
Channel Y	16120	15700
Channel Z	17838	16527

5. Input Offset Measurement

Measured after 15 min warm-up time of the Data Acquisition Electronic.
Every Measurement is preceded by a calibration cycle.

Software set-up:

Calibration time:	3 sec
Measuring time:	3 sec
Number of measurements:	100, Low Range

Input 10MΩ

in μV	Average	min. Offset	max. Offset	Std. Deviation
Channel X	-0.21	-1.73	1.20	0.39
Channel Y	-2.22	-3.40	-1.48	0.29
Channel Z	-1.88	-3.53	-0.72	0.34

Input shorted

in μV	Average	min. Offset	max. Offset	Std. Deviation
Channel X	0.07	-1.85	1.43	0.35
Channel Y	-0.66	-2.08	-0.07	0.24
Channel Z	-0.99	-2.56	0.25	0.28

6. Input Offset Current

in fA	Input Offset Current
Channel X	< 25
Channel Y	< 25
Channel Z	< 25

7. Input Resistance

	Calibrating	Measuring
Channel X	200.1 kΩ	197.2 MΩ
Channel Y	200 kΩ	196.2 MΩ
Channel Z	199.9 kΩ	201.5 MΩ

8. Low Battery Alarm Voltage

in V	Alarm Level
Supply (+ Vcc)	7.70 V
Supply (- Vcc)	-7.57 V

9. Power Consumption

in mA	Switched off	Stand by	Transmitting
Supply (+ Vcc)	0.000	5.87	13.9
Supply (- Vcc)	-0.011	-7.90	-9.20

10. Functional test

Touch async pulse 1	ok
Touch async pulse 2	ok
Touch status bit 1	ok
Touch status bit 2	ok
Remote power off	ok
Remote analog Power control	ok
Modification Status	B – C