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## IEC Class 0,2 S Accuracy Certificate

**Power Sensors Ltd. PQube 3/PQube 3e/PQube 3r Power Analyzer**

### IEC 62053-22, Section 8 (accuracy requirements)

Equipment under test: PQube 3 equipped with  
 CTI-5A current module and PM1 power supply module  
 Certified at 230 V L-N, 50 Hz, 5 A rated current

IEC 62053-22 Section	Test	Result
8.1	Variation of current with balanced load (positive energy flow)	Pass
8.1	Variation of current with balanced load (negative energy flow)	Pass
8.1	Variation of current with single-phase load (positive energy flow)	Pass
8.1	Variation of current with single-phase load (negative energy flow)	Pass
8.1	Difference in error between single-phase load and balanced polyphase load	Pass
8.2	Influence quantity: ambient temperature	Pass
8.2	Influence quantity: voltage variation	Pass
8.2	Influence quantity: frequency variation	Pass
8.2	Influence quantity: reversed phase sequence	Pass
8.2	Influence quantity: auxiliary voltage (does not apply to EUT)	Pass
8.2	Influence quantity: harmonic components	Pass
8.2	Influence quantity: sub-harmonics	Pass
8.2	Influence quantity: magnetic induction (dc)	Pass
8.2	Influence quantity: magnetic induction (ac)	Pass
8.2	Influence quantity: electromagnetic RF fields	Pass
8.2	Influence quantity: operation of accessories (does not apply to EUT)	Pass
8.2	Influence quantity: conducted disturbances	Pass
8.2	Influence quantity: fast transient burst	Pass
8.2	Influence quantity: damped oscillatory waves immunity	*
8.3.1	Initial start-up	Pass
8.3.2	No-load condition	Pass
8.3.3	Starting	Pass
8.4	Meter constant (does not apply to EUT)	Pass

\* Test pending. Please contact the manufacturer for further information regarding this test.

Manufacturer states that the tested sample is representative of model PQube 3 and its variants. See testing notes in report for further information.

This Class 0,2 S Accuracy Certificate summarizes the results of the PSL IEC Class 0,2 S Accuracy Compliance Report, document "PSL IEC 62053-22 Ed 1 Test Report – PQube 3 (rev. 15 Oct 2019)".



PSL PQube 3 Power Analyzer

Signed: *Matthew Muh*

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 Date: 12 May 2015 (revised 15 Oct 2019)