



Certificate of Conformity No 213-01865

<i>Object</i>	Combined power quality and energy monitoring device Camille Bauer LINAX PQ3000/5000
<i>Applicant</i>	Camille Bauer Metrawatt AG Aargauerstrasse 7 5610 Wohlen Switzerland
<i>Requirements</i>	Certification IEC 61000-4-30:2015 class A Testing according to IEC 62586-2:2017
<i>Confirmation</i>	See page 2
<i>Date of Examination</i>	5 July to 7 September 2019
3003 Bern-Wabern, 8 November 2019	
<i>For the Examination</i>	Christian Santschi
<i>Approved by</i>	Dr. Cédric Blaser, Head of Laboratory

Certificate of Conformity No 213-01865

Type description

Type Camille Bauer LINAX PQ3000/5000
Classification PQI-A-FI1 as per IEC 62586-1:2017
Mode of connection Direct, CT, Rogowski or LPCT
Number of phases 3
Connection to power lines..... 3P+N
Maximum voltage..... 480 V
Maximum current Direct / CT: 7.5 A
Rogowski: < 50 V (PQ5000, various current ranges possible)
LPCT: < 50 V (PQ5000, various current ranges possible)
Frequency..... 50 Hz, 60 Hz
Hardware version..... D
Firmware version 1.15-4973 for PQ3000, 1.12-4973 for PQ5000

Conformity assessment against IEC 62586-2:2017

Power quality parameter	Subclause	Compliance	
		120 V - 60 Hz	230 V - 50 Hz
Power frequency	6.1	Yes	Yes
Magnitude of supply voltage	6.2	Yes	Yes
Flicker	6.3	Yes	Yes
Supply voltage interruptions, dips and swells	6.4	Yes	Yes
Supply voltage unbalance	6.5	Yes	Yes
Voltage harmonics	6.6	Yes	Yes
Voltage interharmonics	6.7	Yes	Yes
Mains signalling voltages on the supply voltage	6.8	Yes	Yes
Measurement of underdeviation and overdeviation parameters	6.9	Yes	Yes
Flagging	6.10	Yes	Yes
Clock uncertainty testing	6.11	Yes	Yes
Variations due to external influence quantities	6.12	Yes	Yes
Rapid voltage changes (RVC)	6.13	Yes	Yes
Magnitude of current	6.14	Yes	Yes
Harmonic current	6.15	Yes	Yes
Interharmonic currents	6.16	Yes	Yes
Current unbalance	6.17	Yes	Yes