



# Certificate of Conformity No 213-01717

<i>Object</i>	<b>Combined power quality and energy monitoring device Camille Bauer LINAX PQ3000/5000</b>
<i>Applicant</i>	Camille Bauer Metrawatt AG Aargauerstrasse 7 5610 Wohlen Switzerland
<i>Requirements</i>	Certification IEC 61000-4-30 Ed. 3.0 (2015) class A Testing according to IEC 62586-2 Ed. 2.0 (2017)
<i>Confirmation</i>	See page 2

3003 Bern-Wabern, 02 May 2018

*For the Examination* Jean-Pierre Braun

*Approved by* Dr. Marc-Olivier André, Head of sector

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### Type Description

Type .....Camille Bauer LINAX PQ3000/5000  
Classification .....PQI-A FI2 as per IEC 62586-1 Ed. 2.0 (2017)  
Mode of connection .....Direct or transformer operated instrument  
Number of phases .....3  
Connection to power lines .....3P+N  
Maximum voltage.....480 V  
Maximum current.....7.5 A  
Frequency .....50 Hz, 60 Hz  
Hardware version.....C  
Firmware version .....1.06-2197 for PQ3000, 1.03-2917 for PQ5000

### Conformity Assessment against IEC 62586-2 Ed. 2.0 (2017)

Power Quality Parameter	Subclause	Compliance 120 V - 60 Hz	Compliance 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 signaling voltage 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	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 current	6.16	Yes	Yes
Current unbalance	6.17	Yes	Yes