

Addendum

This addendum is applicable to the following document:

BG0306 Rev. A1 PM130 Installation and Operation Manual

Specification Changes:

The *PM130EH* provides, in addition to basic measurements, total harmonic distortion (THD, TDD) measurements.

1. Page 2, Section 1.2, Features:

“(The PM130 does not measure harmonics; contact your distributor for information on instruments that provide harmonic measurement).”

is changed to:

“The PM130EH measures harmonics.”

2. Pages 3-4, Measured Parameters: Add the following:

Average Harmonic Values	Display	Comm.	Alarms
Average Voltage THD per phase	√	√	
Average Current THD per phase	√	√	
Average Current TDD per phase	√	√	

3. New Section 5.1, Navigating in the Display Mode: Add the following:

- **Harmonic measurements** - selected by the THD/TDD key



PM130EH Iexan

4. **Page 39, Section 5.2:** Add new **Table 5.3 Displayed Parameters for the PM130EH** and Note ④ below the table.

Page	Window	Arrow LED	Parameter ①	Digits	Unit ②
Common Measurements					
... Pages 1 through 11 ... - same as Table 5.2					
12	1		H01 (Fundamental harmonic)		Label
12	2	PF	H01 total power factor	4	
12	3	kW	H01 total kW	4	kW/MW
13	1		H1.L1 ④		Label
13	2	PF	H01 power factor L1	4	
13	3	kW	H01 kW L1	4	kW/MW
14	1		H1.L2 ④		Label
14	2	PF	H01 power factor L2	4	
14	3	kW	H01 kW L2	4	kW/MW
15	1		H1.L3 ④		Label
15	2	PF	H01 power factor L3	4	
15	3	kW	H01 kW L3	4	kW/MW
16	1		U.Unb		Label
16	3		Voltage unbalance	4	%
17	1		C.Unb		Label
17	3		Current unbalance	4	%
...					
Harmonic Measurements					
		THD			
1	1	V1/V1-2	Voltage THD L1/L12	4	%
1	2	V2/V2-3	Voltage THD L2/L23	4	%
1	3	V3/V3-1	Voltage THD L3	4	%
2	1	A1	Current THD L1	4	%
2	2	A2	Current THD L2	4	%
2	3	A3	Current THD L3	4	%
		TDD			
3	1	A1	Current TDD L1	4	%
3	2	A2	Current TDD L2	4	%
3	3	A3	Current TDD L3	4	%
...	(The rest of the table is the same as Table 5.2)				

④ Per phase power and power factor readings are displayed only in 4LN3/4LL3 and 3LN3/3LL3 wiring modes (see Section 4.1) if the phase powers display is enabled in the *Display Setup* menu (see Section 4.7).

5. Page 49, Appendix: Technical Specifications

Add the following rows to the **Measurement Specifications** table:

<i>Parameter</i>	<i>Full scale</i>	<i>Accuracy, %</i>			<i>Range</i>	<i>Display resolution (%Rdg) @ range</i>
		<i>Rdg</i>	<i>FS</i>	<i>Conditions</i>		
...						
<i>Total Harmonic Distortion THD U (I), % U₁ (I₁)</i>	999.9	1.5	0.2	≥ 0.1% FS, U (I) ≥ 10% FSU (FSI)	0 to 999.9	0.1
<i>Total Demand Distortion TDD (I), %</i>	100		1.5	≥ 1% FS, I ≥ 10% FSI	0 to 100	0.1
...						