



## **PM8000 Power meter panel mount with display METSEPM8240**

URL:<https://www.sxplc.com/pm8000-power-meter-panel-mount-with-display-metsepm8240>

### **Product data sheet**

supply voltage

90.... .415 V AC 45.... .65 Hz +/- 10 %

110.... .415 V DC +/- 10 %

Grid frequency

50 Hz

60 Hz

Rated current [In]

1 A

5 A

10 A

Number of poles

3P + N

3P

1P + N

Power consumption VA

16 VA at ... on 230 V AC

Display type

TFT True Colour LCD

Display resolution

320 x 240 pixels QVGA

Sampling frequency

256 samples/cycle

Measured current

50...10000 mA

Analogue input type

Voltage (impedance 5 M $\Omega$ )

Current (impedance 0.3 m $\Omega$ )

Measured voltage

57...400 V AC 42.... .69 Hz L/N

100...690 V AC 42...69 Hz L/N .69 Hz L/L

Frequency measurement range

42...69 Hz

Number of channels (inputs)

3 digital 30 V AC

3 digital 60 V DC

Measurement accuracy

Current +/- 0.1 %

Voltage +/- 0.1 %

active power +/- 0.2 %

Accuracy class

Class 0.2S Active kWh in accordance with IEC 62053-22

Class 0.2 Active power in accordance with ANSI C12.20

Class 0.2 Active power in accordance with IEC 61557-12

Class 0.5S Reactive power level Conforms to IEC 62053-24

Class 0.5 Power factor in accordance with IEC 61557-12

Class 0.2 Voltage in accordance with IEC 61557-12

Class 0.2 Current in accordance with IEC 61557-12

Number of channels (output)

1 Pulse

Display information

Voltage

Voltage

Frequency

Frequency

Energy consumption

Harmonic distortion

Communication protocols

Modbus RTU 115 k baud rate on ... - 2-wire

ION on ... 115 k baud rate - 2-wire

DNP3

IEC 61850

Modbus TCP/IP

Ethernet Modbus TCP/IP daisy chain on ... 10/100 Mbit/s

RSTP 801.1d 2004

