

# PM800 series

## Functions and characteristics (cont.)

PB101814-36



PowerLogic PM800 series meter without display.

PE86134



PowerLogic PM800 series meter with integrated display.

PB101822-88



PowerLogic PM800 series meter with remote display.

PE86135



Remote display adapter with display and cable.

PB101819-32



Remote display adaptor alone.

### Part Numbers

Description	Schneider Electric	Square D
<b>Meter without display</b>		
Use the base meter unit without display to comply with voltage limitations for local regulations when door mounting is not possible, or when meter voltage exceeds regulations, or when local display is not required. When the meter is used without a display, configuration of the communications port is limited to the default (address 1, 9600 baud, parity even). Requires software to read data.		
<b>PM810 meter</b> unit only, no display, basic instrumentation, THD, alarming, 80 kB logging (with PM810LOG)	<b>PM810UMG</b>	<b>PM810U</b>
<b>PM820 meter</b> unit only, no display, basic instrumentation, THD, alarming, 80 kB logging	<b>PM820UMG</b>	<b>PM820U</b>
<b>PM850 meter</b> unit only, no display, basic instrumentation, THD, alarming, 800 kB logging, waveform capture	<b>PM850UMG</b>	<b>PM850U</b>
<b>PM870 meter</b> unit only, no display, basic instrumentation, THD, alarming, 800 kB logging, configurable waveform capture and disturbance detection. IEC 62053-22 Class 0.2S.	<b>PM870UMG</b>	<b>PM870U</b>
<b>Meter with integrated display</b>		
Use the meter with integrated display for panel mounting when door space is available and when voltage usage is within the local regulation limits.		
<b>PM810 meter</b> with integrated display,	<b>PM810MG</b>	<b>PM810</b>
<b>PM820 meter</b> with integrated display	<b>PM820MG</b>	<b>PM820</b>
<b>PM850 meter</b> with integrated display	<b>PM850MG</b>	<b>PM850</b>
<b>PM870 meter</b> with integrated display	<b>PM870MG</b>	<b>PM870</b>
<b>Meter with remote display</b>		
Conveniently packaged kit consist of a base meter (810, 820, 850 or 870) with a remote display, remote display adapter, and remote display cable 3 m (9.9 ft 10 inches).		
<b>PM810 meter</b> with remote display	<b>PM810RDMG</b>	<b>PM810RD</b>
<b>PM820 meter</b> with remote display	<b>PM820RDMG</b>	<b>PM820RD</b>
<b>PM850 meter</b> with remote display	<b>PM850RDMG</b>	<b>PM850RD</b>
<b>PM870 meter</b> with remote display	<b>PM870RDMG</b>	<b>PM870RD</b>
<b>Parts and accessories</b>		
<b>Remote display adapter with remote display and a 3 m (9 ft 10 inch) cable</b>	<b>PM8RDMG</b>	<b>PM8RD</b>
Use this combination of remote display, adapter, and 3 m cable to equip a base meter unit for use with a remote display. In addition, the display can be carried from meter to meter, enabling you to purchase one display for multiple meters. Each base unit meter must be equipped with a remote display adapter (PM8RDA).		
<b>Remote display adapter alone</b>	<b>PM8RDA</b>	<b>PM8RDA</b>
When added to the front of the base unit (PM8xxU), the adapter brings two additional communication ports: one for the remote display and one 4-wire/2-wire RS 485/RS 232.		

Part number list continued on next page.