



### Principal

Gama	PowerLogic
Product name	PowerLogic PM5000
Device short name	PM5330
Tipo de producto o componente	Power meter

### Complementos

Power quality analysis	Up to the 31st harmonic
Aplicación de dispositivo	Multi-tariff Power monitoring
Type of measurement	Energy Active and reactive power Voltage Current Frequency Power factor
[Us] rated supply voltage	100...415 V AC (45...65 Hz) 125...250 V DC
Frecuencia de red	50 Hz 60 Hz
[In] rated current	1 A 5 A
Poles description	3P 3P + N 1P + N
Display type	Backlit LCD
Display resolution	128 x 128 pixels
Sampling rate	64 samples/cycle
Measurement current	10...9000 mA
Analogue input type	Current (impedance 0.3 mOhm) Voltage (impedance 5 MOhm)
Measurement voltage	35...690 V AC 45...65 Hz between phases 20...400 V AC 45...65 Hz between phase and neutral
Frequency measurement range	45...65 Hz
Number of inputs	2 digital
Measurement accuracy	+/- 0.5 % active energy +/- 2 % reactive energy +/- 0.5 % active power +/- 0.5 % apparent power +/- 0.05 % frequency +/- 0.005 % power factor +/- 0.5 % current +/- 0.5 % voltage
Accuracy class	Class 0.5S (active energy de acuerdo a IEC 62053-22)
Number of outputs	2 digital 2 relay
Information displayed	Tariff 4

Communication port protocol	Modbus RTU and ASCII 2 wires, : 9.6, 19.2 and 38.4 kbauds, even/odd or none, insulation: 2500 V JBUS
Communication port support	RS485
Data recording	Event logs Alarm logs Maintenance logs Min/Max of instantaneous values Data logs Time stamping
Memory capacity	256 kB
Mounting mode	Flush-mounted
Mounting support	Framework
Normas	IEC 62053-24 IEC 62053-22 UL 61010-1 IEC 60529 IEC 61557-12 EN 50470-1 EN 50470-3
Certificaciones de producto	CE conforming to IEC 61010-1 CULus conforming to UL 61010-1
Anchura	96 mm
Depth	72 mm
Altura	96 mm
Peso del producto	430 g

## Ambiente

Electromagnetic compatibility	<ul style="list-style-type: none"> <li>• conducted and radiated emissions class class B, conforme a EN 55022</li> <li>• limits for harmonic current emissions class class A, conforme a IEC 61000-3-2</li> <li>• electrostatic discharge class level 4, conforme a IEC 61000-4-2</li> <li>• conducted RF disturbances class level 3, conforme a IEC 61000-4-6</li> <li>• magnetic field at power frequency class level 4, conforme a IEC 61000-4-8</li> </ul>
IP degree of protection	IP52 (front) conforming to IEC 60529 IP30 (body) conforming to IEC 60529
Relative humidity	5...95 % 50 °C
Pollution degree	2
Ambient air temperature for operation	-25...70 °C
Temperatura ambiente de almacenamiento	-40...85 °C
Operating altitude	2000 m

## Oferta sustentable

Sustainable offer status	Green Premium product
RoHS (date code: YYWW)	Compliant - since 1321 - Schneider Electric declaration of conformity <a href="#">Schneider Electric declaration of conformity</a>
REACH	Reference not containing SVHC above the threshold
Product environmental profile	Available
Product end of life instructions	Available