



### Main

Commercial Status	Commercialised
Range of product	PowerLogic PM9
Device short name	PM9
Product or component type	Power meter

### Complementary

Type of measurement	Operating time Energy Reactive power per phase Reactive power total Active power per phase Active power total Apparent power total Power factor total Frequency Voltage Current
Supply voltage	220...240 V AC 50/60 Hz
Network frequency	45...65 Hz
Power consumption in VA	5 VA
Display type	Backlit LCD
Measurement current	5 A
Input type	Current 0.015...6 A
Measurement voltage	50...450 V AC 45...65 Hz (phase to phase)
Measurement accuracy	Power: 1 % Power factor: 2 % Frequency: 0.2 Hz Voltage: 0.5 % Current: 0.5 %
Accuracy class	Class 2, reactive energy IEC 62053-23 Class 1, active energy IEC 62053-21
Mounting mode	Clip-on

### Environment

Electromagnetic compatibility	1.2/50 $\mu$ s shock waves immunity test (level: IV), conforming to IEC 61000-4-5 Electrical fast transient/burst immunity test (level: IV), conforming to IEC 61000-4-4 Susceptibility to electromagnetic fields (level: III), conforming to IEC 61000-4-3 Electrostatic discharge immunity test (level: III), conforming to IEC 61000-4-2 Conducted and radiated emissions (level: B), conforming to CISPR 11
Type of installation	Indoor installation
Overvoltage category	III
IP degree of protection	IP52 front face
Pollution degree	2
Ambient air temperature for operation	-5...55 °C
Standards	IEC 61557-12
Product certifications	CE

Width	72 mm
Depth	66 mm
Height	90 mm
Product weight	0.3 kg

### RoHS compliance

RoHS EUR status	Compliant
RoHS EUR conformity date(YYWW)	0846

### Contractual warranty

Period	18 months
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