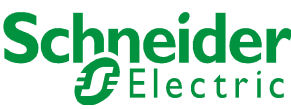


## Release history for PM5111

Release Version	Date	OS Version	RS version	Language Version
1.60	14/05/2015	1.6.0	1.0.6	2.0.0
1.47	4/11/2014	1.4.7	1.0.6	2.0.0
1.22	12/03/2014	1.2.2	1.0.6	1.0.3
1.21	2/09/2013	1.2.1	1.0.5	1.0.3
1.20	28/08/2013	1.2.0	1.0.5	1.0.3

Version Number	Changes Since Version	Change Details
1.60	1.47	<b>Enhancements</b> <ul style="list-style-type: none"> <li>4 additional communication registers to represent PF value in IEC and Lag/lead format . These are 2 float 32 registers (3192, 3194) and 2 INT16 registers (3196, 3197)</li> <li>Firmware update through download restricted to 10 ( MID requirement)</li> <li>Evenly spaced pulses similar to optical pulse output implemented for Digital output</li> </ul> <b>Fixes</b> <ul style="list-style-type: none"> <li>Individual harmonic values not accessible through communication fixed</li> <li>Spurious neutral current while phases carry balanced currents fixed</li> <li>Demand Fix to Correct the behavior in Command Sync and Clock Sync Mode</li> <li>DI/DO/Relay counter value not reset to zero by Global reset through HMI fixed</li> <li>DO pulses per K__h not able to set through HMI -fixed</li> </ul>
1.47	1.22	<b>Enhancement</b> <ul style="list-style-type: none"> <li>Added Float 32 energy registers to support both INT64 and Float 32 energy registers</li> <li>Added QR code functionality</li> </ul> <b>Fixes</b> <ul style="list-style-type: none"> <li>Fix issue: Multi tariff energy not retaining value on power cycle while Multi tariff in Input mode</li> <li>Fix issue: RTC day roll over not in sync with 24 hours.</li> <li>Fix issue: After data log roll over value only partial records are retrievable</li> </ul>
1.22	1.21	<b>Fix</b> <ul style="list-style-type: none"> <li>DLF upgrade can be done at 38400 baud rate</li> </ul>
1.21	1.20	<b>Fixes</b> <ul style="list-style-type: none"> <li>Fix for LED pulse output to provide correct pulses for different</li> </ul>



PM5111 FW Releases

		ct/pt ratios
1.20	None	Initial release MID firmware : Features : Revenue lock, New LCD display (Tianma) support, 61557-12 compliance