

Power Analyzer - Current Probe Specification Chart

| Meter + Probe | 8220 | 8230 | 8333 | 8336 | 8435 | PEL 102/103 |
|--|-------------|---------------|-----------------|-----------------|---------------|----------------|
| AmpFlex® 193 - 24(or 36)-BK (AC Probe) (Output Signal: 47µVac/Aac @60Hz - 39.1µVac/Aac @50Hz) | | | | | | |
| Min A | 10A | 10A | 100mA | 100mA | 10A | 50mA |
| Max A | 6500A | 6500A | 12,000A | 12,000A | 6500A | 12,000A |
| Notes | See Note 4 | See Note 4 | See Notes 4,7 | See Notes 4,7 | See Note 4,9 | See Note 5 |
| MiniFlex® MA193-10-BK (AC Probe) (Output Signal: 47µVac/Aac @60Hz - 39.1µVac/Aac @50Hz) | | | | | | |
| Min A | 10A | 10A | 100mA | 100mA | 10A | 200mA |
| Max A | 1000A | 1000A | 3000A | 3000A | 3000A | 3000A |
| Notes | See Note 4 | See Note 4 | See Notes 4,7,8 | See Notes 4,7,8 | See Notes 4,8 | See Note 5,8 |
| MN93 - (AC Probe) (Output Signal: 5mVac/Aac) | | | | | | |
| Min A | 2A | 2A | 0.2A | 0.2A | 0.2A | 0.1A |
| Max A | 240A | 240A | 240A | 240A | 240A | 240A |
| Notes | See Note 2 | See Note 2 | See Note 2 | See Note 2 | See Note 2 | See Note 1 |
| MN193 (AC probe) (Output Signal: 5A Range - 200mVac/Aac; 100A Range - 10mVac/Aac) | | | | | | |
| 5A Range - Min A | 5mA | 5mA | 5mA | 5mA | 5mA | 5mA |
| 5A Range - Max A | 6A | 6A | 6A | 6A | 6A | 6A |
| 100A Range - Min A | 100mA | 100mA | 100mA | 100mA | 100mA | 100mA |
| 100A Range - Max A | 120A | 120A | 120A | 120A | 120A | 120A |
| Notes | See Note 10 | See Note 10 | See Note 10 | See Note 10 | See Note 10 | See Note 10 |
| SR193 (AC Probe) (Output Signal: 1mVac/Aac) | | | | | | |
| Min A | 1A | 1A | 1A | 1A | 1A | 1A |
| Max A | 1200A | 1200A | 1200A | 1200A | 1200A | 1200A |
| Notes | See Note 2 | See Note 2 | See Note 2 | See Note 2 | See Note 2 | See Note 2 |
| AC / DC PROBES (battery powered) | | | | | | |
| MR193 (AC/DC Probe) (Output Signal: 1mVac/A) (Powered by 9v battery) | | | | | | |
| AC - Min A | 10A | 10A | 10A | 10A | 10A | 10A |
| AC - Max A | 1000A | 1000A | 1000A | 1000A | 1000A | 1000A |
| DC - Min A | 10A | 10A | 10A | 10A | 10A | 10A |
| DC - Max A | 1300A | 1300A | 1300A | 1300A | 1300A | 1300A |
| Notes | See Note 3 | See Note 3 | See Note 3 | See Note 3 | See Note 3 | See Note 3 |
| SL261 (AC/DC Probe) (Output Signal: 1A Range - 100mVac/A; 100A Range - 10mVac/A) (Powered by 9V battery, battery life ~55 hours) | | | | | | |
| 1A Range - Min A | 50mA | 50mA | 100mA | 100mA | 100mA | 100mA |
| 1A Range -Max A | 10A | 10A | 10A | 10A | 10A | 10A |
| 100A Range - Min A | 1A | 1A | 1A | 1A | 1A | 1A |
| 100A Range -Max A | 100A | 100A | 100A | 100A | 100A | 100A |
| Notes | n/a | >1.6 Firmware | See Note 2 | See Note 2 | See Note 2 | See Note 6 |
| J93 (AC/DC Probe) (Output Signal: 286µVac/A) (Powered by 9V battery, battery life ~70 hours) | | | | | | |
| AC - Min A | n/a | n/a | 50A | 50A | 50A | 50A |
| AC - Max A | n/a | n/a | 3500A | 3500A | 3500A | 3500A |
| DC - Min A | n/a | n/a | 50A | 50A | 50A | 50A |
| DC - Max A | n/a | n/a | 5000A | 5000A | 5000A | 5000A |
| Notes | n/a | n/a | n/a | n/a | >4.X Firmware | n/a |
| NOTES: | | | | | | |
| 1 - Current <0.1A displayed as Zero | | | | | | |
| 2 - Current <0.5A displayed as Zero | | | | | | |
| 3 - Current <1.0A displayed as Zero | | | | | | |
| 4 - Current <10.0A displayed as Zero | | | | | | |
| 5 - Current <0.05% of nominal range displayed as Zero | | | | | | |
| 6 - Current <2.5mA displayed as Zero | | | | | | |
| 7 - Current <100ma will be display as Zero (if 100A Range is selected) | | | | | | |
| 8 - Limited By Conductor Diameter (Max. 2.75" / 70 mm) | | | | | | |
| 9 - AmpFlex® Model A196-18-BK (18") Needed To Maintain IP67 Rating | | | | | | |
| 10 - The 5A range is designed to work with secondary current transformers. Best accuracy is available when entering the transformer ratio (e.g. 1000/5A). 5A Range can measure 1A to 1200A with ratio 1000/5 selected. When used to measure 5A directly, the resolution will be limited to 0.1A max. | | | | | | |