

AHP® PM5 Power Drive Manual and Usage Guide

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PM5 specifications

The PM5 is a 4-way power drive for stepping motors or for digital/PWM power devices. It can be driven by a range of voltage levels starting from 5v to 28v. The PM5 inputs are electronically insulated by an optoisulator. Each of the 4 outputs of the PM5 can supply up to 5A. The maximum supply voltage is 28v. The input stage is controlled by an RJ12 connector (6 poles, 6 connectors). The output stage connector is a 9-pin D-SUB connector with outputs compatible with the FS-2 motor connector. The power supply can range from 7.5v to 28v and it is not rectified or protected, thus the user must ensure the PSU polarity as described on the PM5 label.

It is equipped with these inputs / outputs:

1. RJ12 input drive connector
2. 9pin D-SUB power output connector
3. 7.5v~28v center-positive power supply input

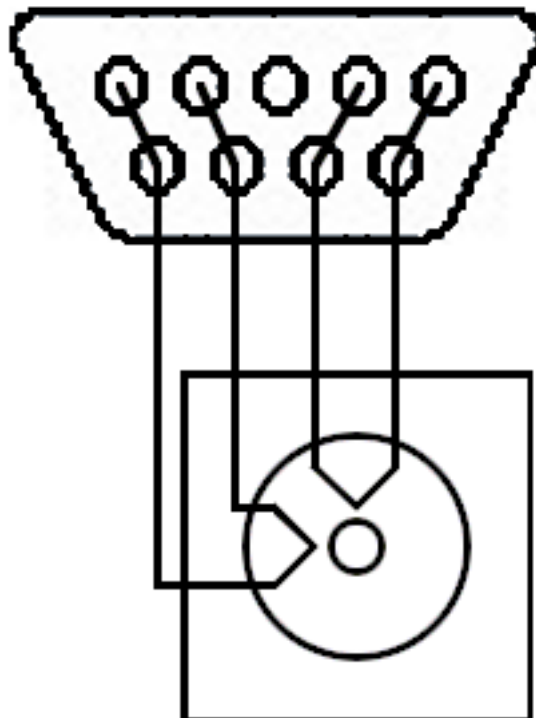


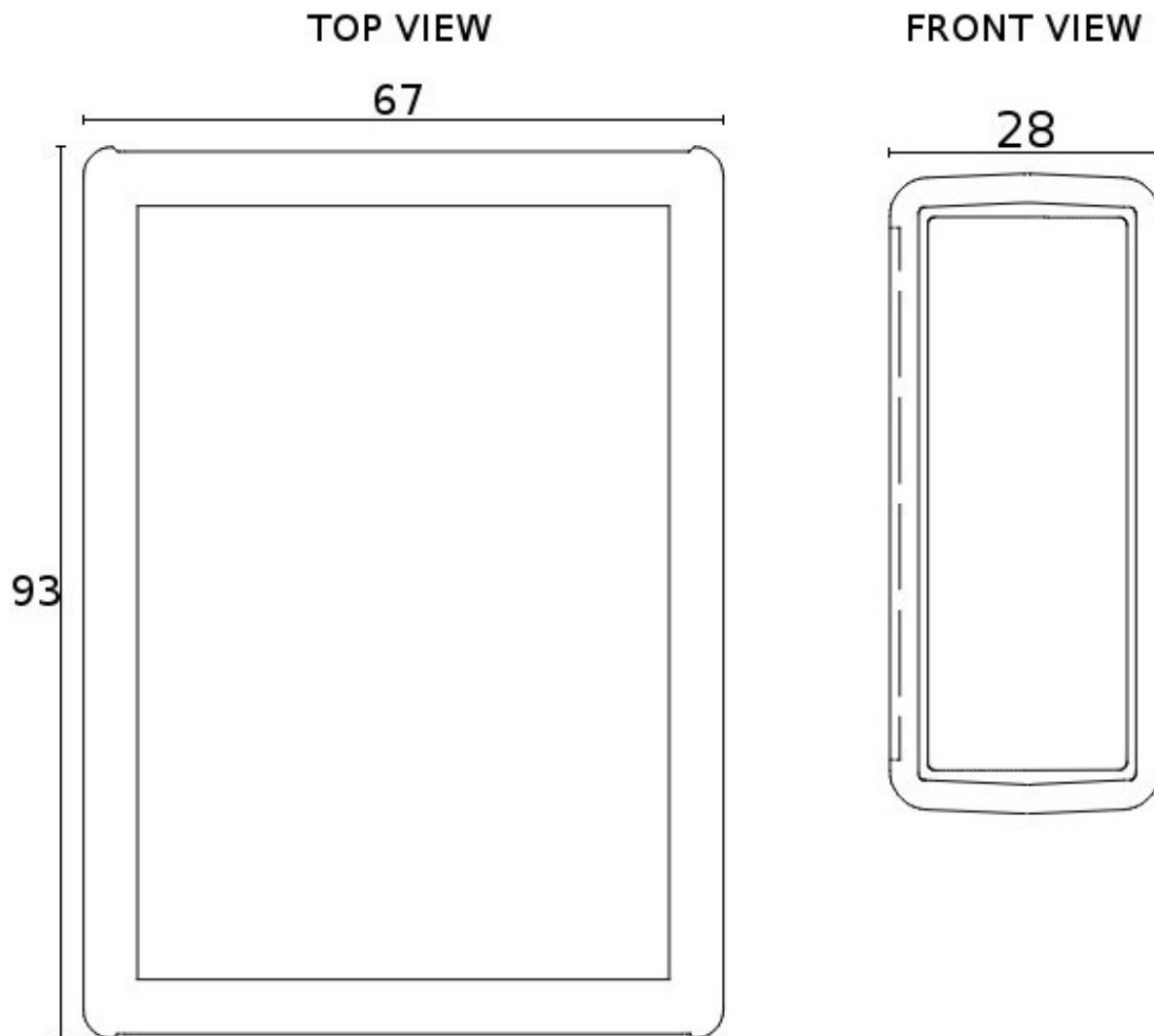
Figure 1: The PM5 connection diagram

Damage & security prescriptions

During tests of your configurations please keep much attention to the safety of objects, persons and animals, don't let the devices in places accessible by children and electrical parts must be away from too wet ambients. If you use big or heavy instrumentation, please test at the lower speed possible, and let all testing area free from objects that can block or damage or be damaged to/by the instrument driven by the PM5. AHP® team declares itself and its employers not responsible by usage of its peripherals and devices without the right care.

Dimensions

All dimensions are in mm.



For more informations, please visit:

<https://www.adpasuite.com>

GT1 official page:

<https://www.adpasuite.com/gt1>

PM5 official page:

<https://www.adpasuite.com/pm5>

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