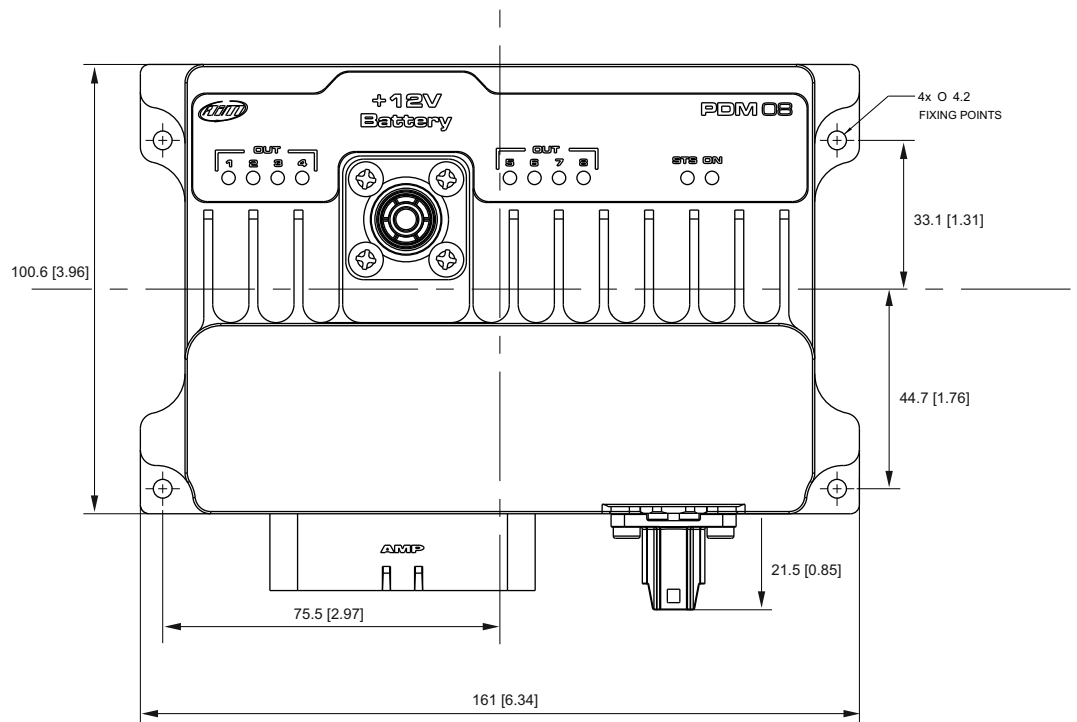
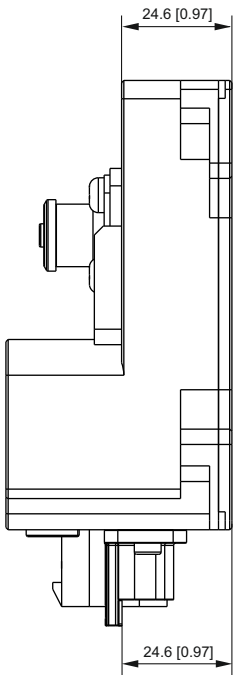
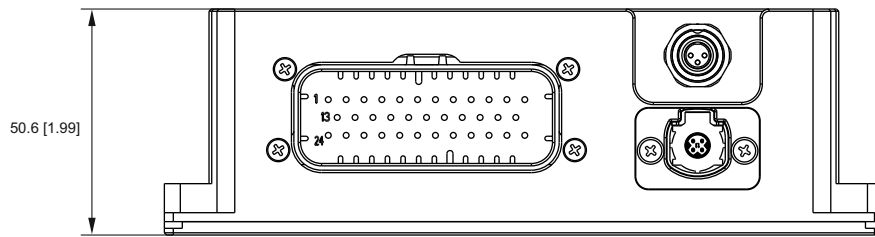




AiM PDM08

Power Distribution Module





AiM PDM08

Power Distribution Module

Technical specifications

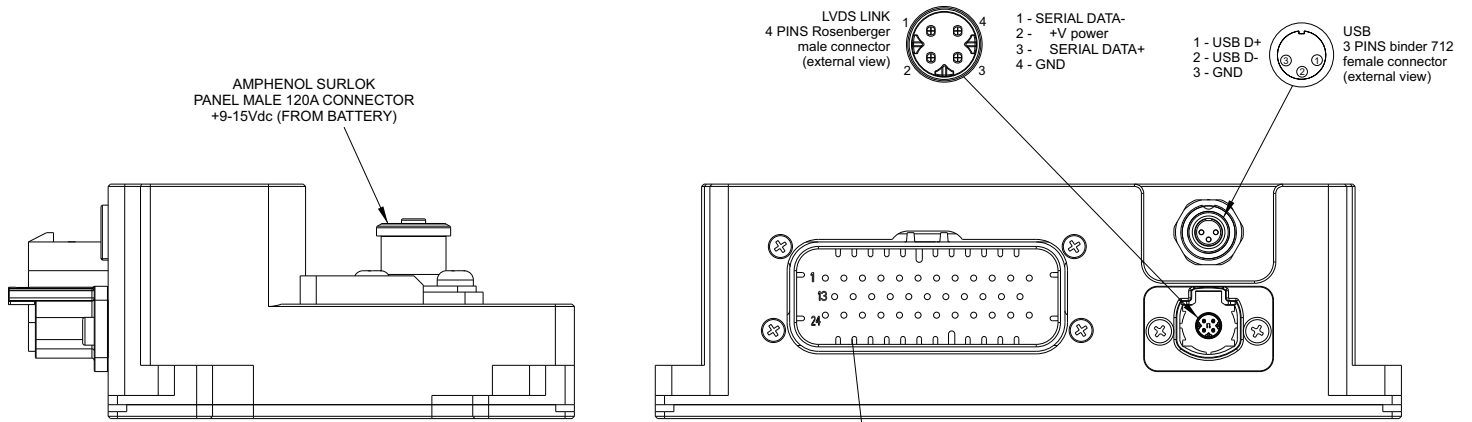
| | |
|-------------------------------------|---|
| LEDs | 8 RGB LEDs + 1 PDM ON + 1 PDM STS (Status) |
| Inputs | 6 fully configurable, max 500 Hz each Pullup +12V, +5V, analog/digital Pulldown |
| Speed IN | 2 |
| Power outputs | 8 rated up to 20 A, 1 with serie diode Protected for: over voltage, under voltage, over current, over temperature |
| Lin bus | 1 |
| CAN connections | 3 |
| Inertial platform | 3 axis $\pm 5G$ accelerometer + 3axis gyro + 3 axis magnetometer |
| Internal memory | 4 GB |
| External modules | GPS Module, Channel Expansion, TC Hub, Lambda Controller, SmartyCam HD, Formula Steering Wheel, Remote I/O pushbutton module |
| External Analog Camera input | NO |
| Connectors | 1 AMP connector + 1 Amphenol Surlok connector + 1 Rosenberger connector |
| Remote display connection | 1 AiM stream output |
| Body | Anodized Aluminum |
| Dimensions | 161x100.6x50.6 mm |
| Weight | 500 g |
| Waterproof | IP65 |



AiM PDM08

Power Distribution Module

Pinout



| PIN | DESCRIPTION | PIN | DESCRIPTION |
|-----|-------------|-----|-------------|
| 1 | power out 1 | 19 | CAN2H |
| 2 | power out 2 | 20 | CH IN 3 |
| 3 | CAN0H | 21 | CH IN 4 |
| 4 | power out 3 | 22 | +5VREF |
| 5 | CAN1L | 23 | power out 8 |
| 6 | power out 4 | 24 | LIN |
| 7 | power out 5 | 25 | IGN |
| 8 | CH IN 1 | 26 | +VB out CAN |
| 9 | power out 6 | 27 | GND |
| 10 | CH IN 2 | 28 | Speed 1 IN |
| 11 | power out 7 | 29 | Speed 2 IN |
| 12 | power out 8 | 30 | CH IN 5 |
| 13 | power out 1 | 31 | +5VREF |
| 14 | +VB ext CAN | 32 | +VB out |
| 15 | CAN0L | 33 | CH IN 6 |
| 16 | CAN1H | 34 | GND |
| 17 | GND | 35 | GND |
| 18 | CAN2L | | |

