

Daqu 2.3

| Description | Value |
|--|-----------------------------------|
| Weight | 135 g |
| Size | 125 x 80 x 20 mm |
| Operational voltage | 7–32 V |
| Current (sensors not connected) | 60 mA at 12 V |
| Typical current (sensors conn.) | 100 mA at 12 V |
| Operating temperature | –30 °C to +85 °C |
| Humidity | 30% to 90%, non condensing |
| Max current load of 5V power source (both sources together) | 150 mA |
| Max current load of 12V power source (both sources together) | 150 mA |
| Digital channels | 3: (1xZ, 2xY) |
| Analog channels | 22: (15xA, 2xB, 1xC, 2xD, 2xE) |
| Processor | Cortex M3, 60 MHz |
| Communication | CAN bus, Kanardia protocol |
| Connector | Binder 99 0414 00 05 (cable side) |

Table 1: Technical specifications for standard Daqu.

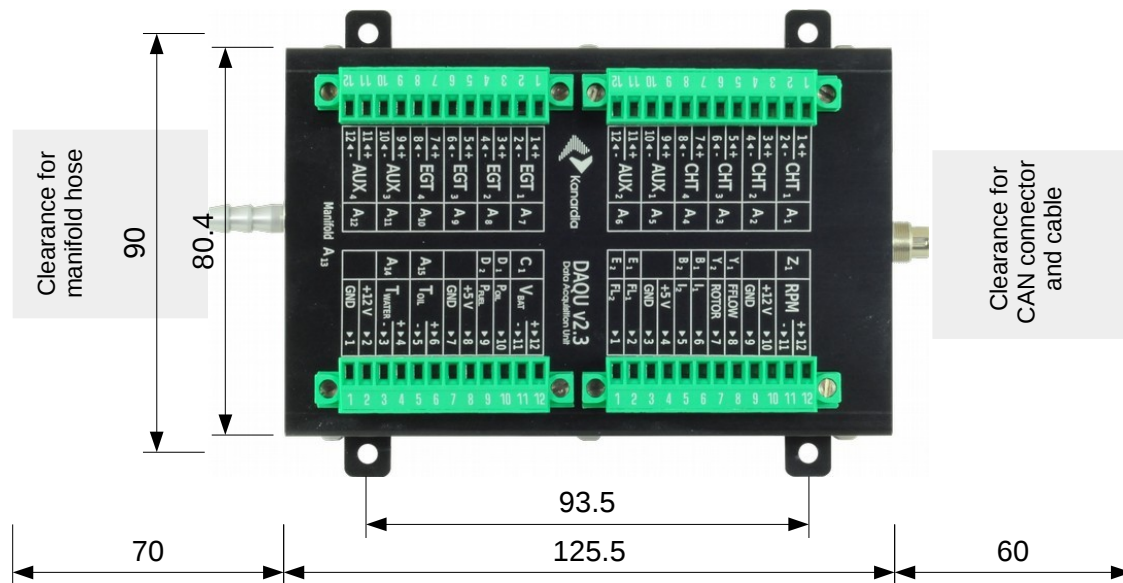


Figure 1: Dimensions and connection clearance of standard Daqu – Top View.

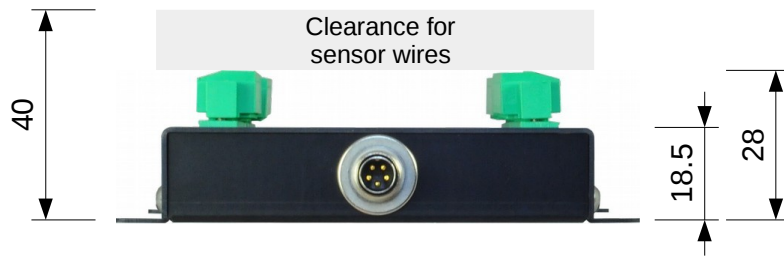


Figure 2: Dimensions and connection clearance of standard Daqu – Front View.

Mini Daqu

| Description | Value |
|--|-----------------------------|
| Weight (without cables) | 90 g |
| Size | 76 x 44 x 30 mm |
| Operational voltage | 7–32 V |
| Current (sensors not connected) | 100 mA at 12 V |
| Current (sensors connected) | up to 200 mA at 12 V |
| Operating temperature | –30 °C to +85 °C |
| Humidity | 30% to 90%, non condensing |
| Max current load of 5V power source (both sources together) | 150 mA |
| Max current load of 12V power source (both sources together) | 150 mA |
| Digital channels | 1: (1xY) |
| Analog channels | 5: (1xC, 2xD, 2xE) |
| Processor | Cortex M3, 60 MHz |
| ECU Communication | RS232, second CAN bus |
| Communication | CAN bus, Kanardia protocol |
| Connector Engine ECU | D-SUB 9 female (cable side) |
| Connector Kanardia CAN | D-SUB 9 male (cable side) |

Table 2: Basic technical specifications for mini Daqu.

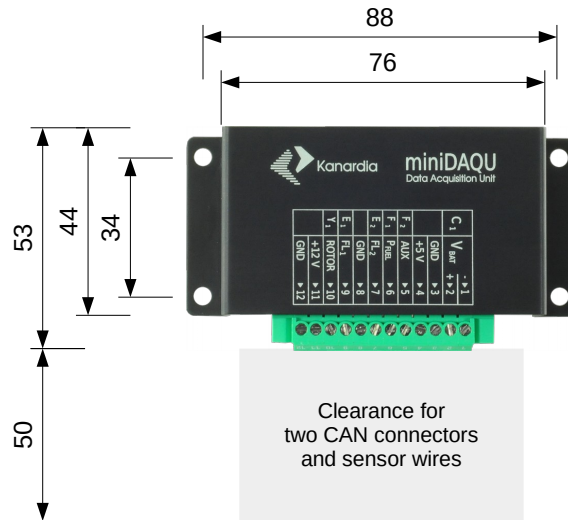


Figure 3: Dimensions and connection clearance of mini Daqu – Top View.

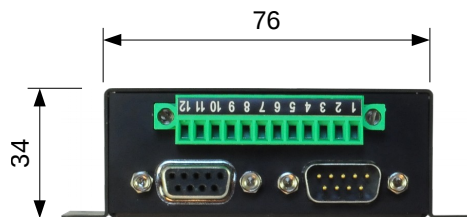


Figure 4: Dimensions and connection clearance of mini Daqu – Front View.