

LG-Lasi_base100-000

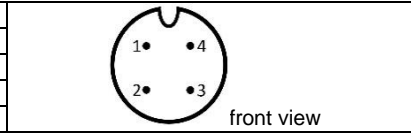
Lasi Logger V2

Connector layout

Connector type

Power-In, Binder 712 4PM

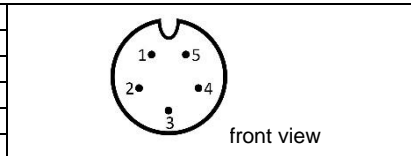
| Pin | Name | Description |
|-----|------|-------------------------------|
| 1 | | Do not connect |
| 2 | GND | Ground |
| 3 | DOut | DOut (open collector; max 1A) |
| 4 | Vext | Power supply 4-36V |



| Pin | 2D std color |
|-----|--------------|
| 1 | |
| 2 | black |
| 3 | blue |
| 4 | red |

CAN1, Binder 712 5PM

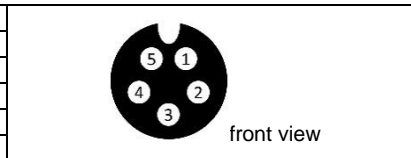
| Pin | Name | Description |
|-----|--------|---------------|
| 1 | CAN Hi | CAN high |
| 2 | CAN Lo | CAN low |
| 3 | GND | Ground |
| 4 | n.c. | Not connected |
| 5 | n.c. | Not connected |



| Pin | 2D std color |
|-----|--------------|
| 1 | white |
| 2 | green |
| 3 | black |
| 4 | |
| 5 | |

CAN2, Binder 712 5PF

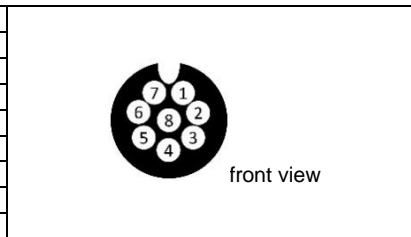
| Pin | Name | Description |
|-----|--------|---------------|
| 1 | CAN Hi | CAN high |
| 2 | CAN Lo | CAN low |
| 3 | GND | Ground |
| 4 | n.c. | Not connected |
| 5 | n.c. | Not connected |



| Pin | 2D std color |
|-----|--------------|
| 1 | white |
| 2 | green |
| 3 | black |
| 4 | |
| 5 | |

Analog input, Binder 712 8PF

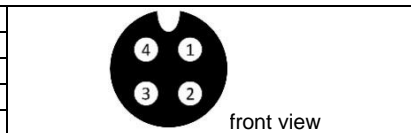
| Pin | Name | Description |
|-----|---------|------------------|
| 1 | VCC | Power supply |
| 2 | AGND | Analog ground |
| 3 | n.c. | Not connected |
| 4 | n.c. | Not connected |
| 5 | Analog1 | Analog signal #1 |
| 6 | Analog2 | Analog signal #2 |
| 7 | Analog3 | Analog signal #3 |
| 8 | Analog4 | Analog signal #4 |



| Pin | 2D std color |
|-----|--------------|
| 1 | green |
| 2 | black |
| 3 | |
| 4 | |
| 5 | white |
| 6 | yellow |
| 7 | brown |
| 8 | blue |

GPS, Binder 712 4PF

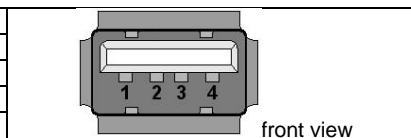
| Pin | Name | Description |
|-----|-------|------------------|
| 1 | TxD | Data line |
| 2 | RxD | Data line |
| 3 | GND | Ground |
| 4 | Power | Power supply +3V |



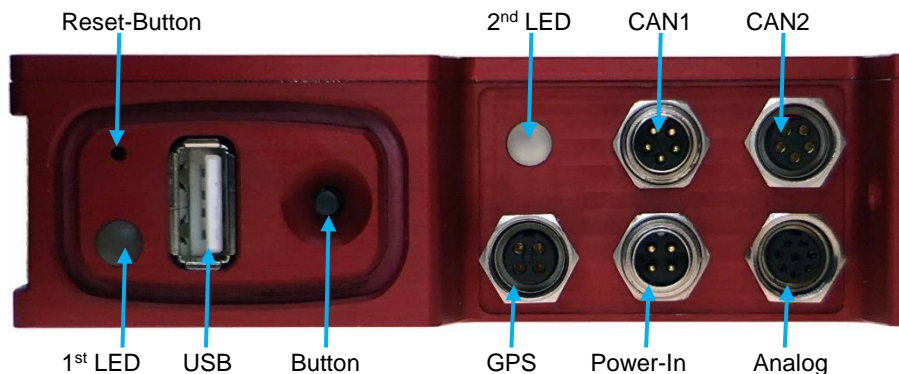
| Pin | 2D std color |
|-----|--------------|
| 1 | green |
| 2 | white |
| 3 | black |
| 4 | red |

USB, Type A socket

| Pin | Name | Description |
|-----|--------|------------------|
| 1 | VCC | Power supply +5V |
| 2 | Data - | Data line - |
| 3 | Data + | Data line + |
| 4 | GND | Ground |



| Pin | 2D std color |
|-----|--------------|
| 1 | red |
| 2 | white |
| 3 | green |
| 4 | black |



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Lasi Logger V2

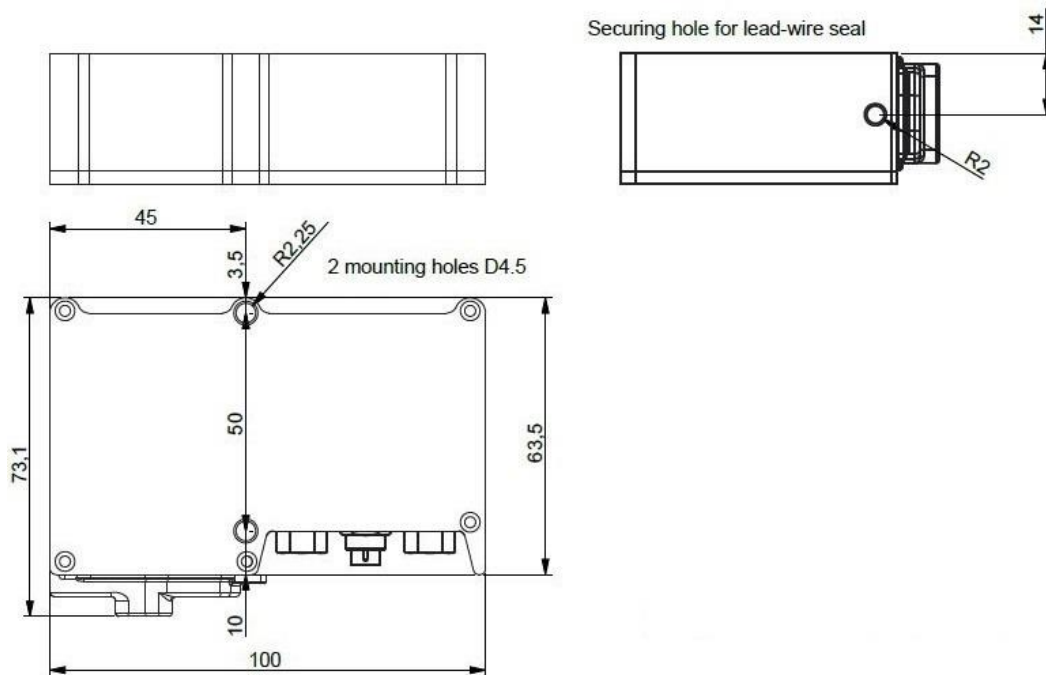
Blink codes

| | | |
|--|------------|--|
| 2 nd LED (USB connected to PC) | red | ⇒ charging of internal accumulator |
| | green | ⇒ internal accumulator fully charged |
| 2 nd LED (USB not connected to PC) | blue | ⇒ GPS valid |
| | green | ⇒ GPS not valid |
| | red | ⇒ button pushed |
| <i>Flashing mode 2nd LED</i> | red | ⇒ voltage of connected external power supply <6V |
| | fast | ⇒ recording |
| | slow (1Hz) | ⇒ standby mode |
| 1 st LED | green | ⇒ stick detected |
| | red | ⇒ writing on stick |
| | blue | ⇒ connected to the PC |
| 1 st & 2 nd LED | pink | ⇒ firmware update |

Button functionality

- turn on the logger: push the button for ~2s, the 2nd LED will start to flash
- turn off the logger: push the button until the 2nd LED **flashes** yellow
(the duration depends on the timeout of channel Pwr_Down_Cnt)
- set to zero: push the button until the 2nd LED **shines** yellow, release the button and push it again until the 2nd LED changes to white

Dimensions



Information: Connectors may not be same as in drawing!

