



## NAUSB3-B

Reversible USB 3.0 gender changer (type A and B), black D-housing

The NAUSB3-B is a reversible USB 3.0 feed through adapter. The standardized D-shape housing of the adapter fits into conventional patch panels and offers an additional protection for the connector.

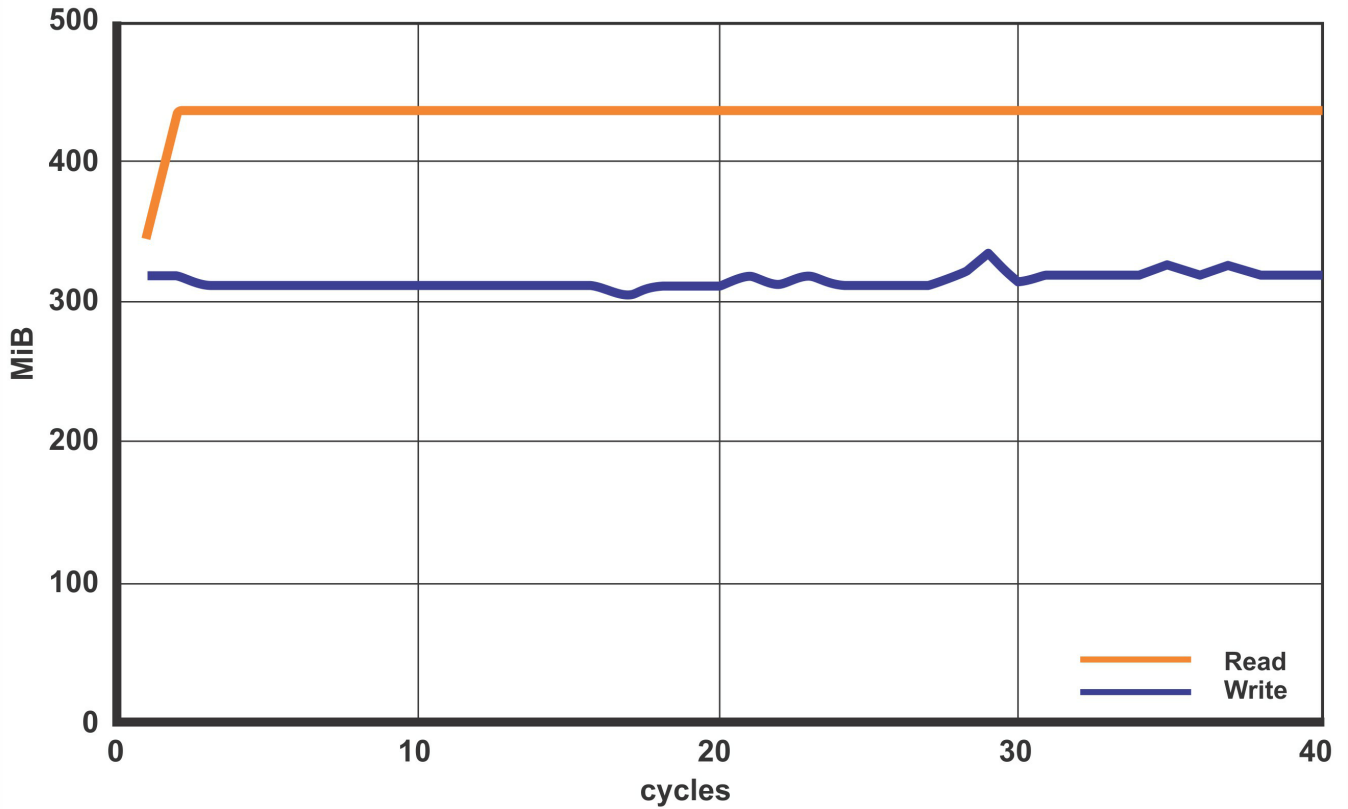
Not compatible with NKUSB-\* cables.

### Features & Benefits

- USB 3.0 feedthrough adapter
- Reversible insert offering type A or B on front or rear end
- Standard D-shape housing
- Removable screen for chassis grounding
- Meets USB 3.0 specifications

### USB 3.0 Performance

To meet the USB3.0 specifications the NAUSB3\* chassis contain tight tolerance pin wiring and an improved ground connection due to an additional copper film between the USB jacks. As a result the feed through adapter guarantees permanent writing and reading speed > 200 MB/s.



## Gender Changeable

Certain applications require that the USB 3.0 type A or type B jack is on front to connect end devices like hard disk, cameras, etc. The connector configuration of the NAUSB3\* can be changed by rotating the USB insert without special tools.

## USB Type A in front



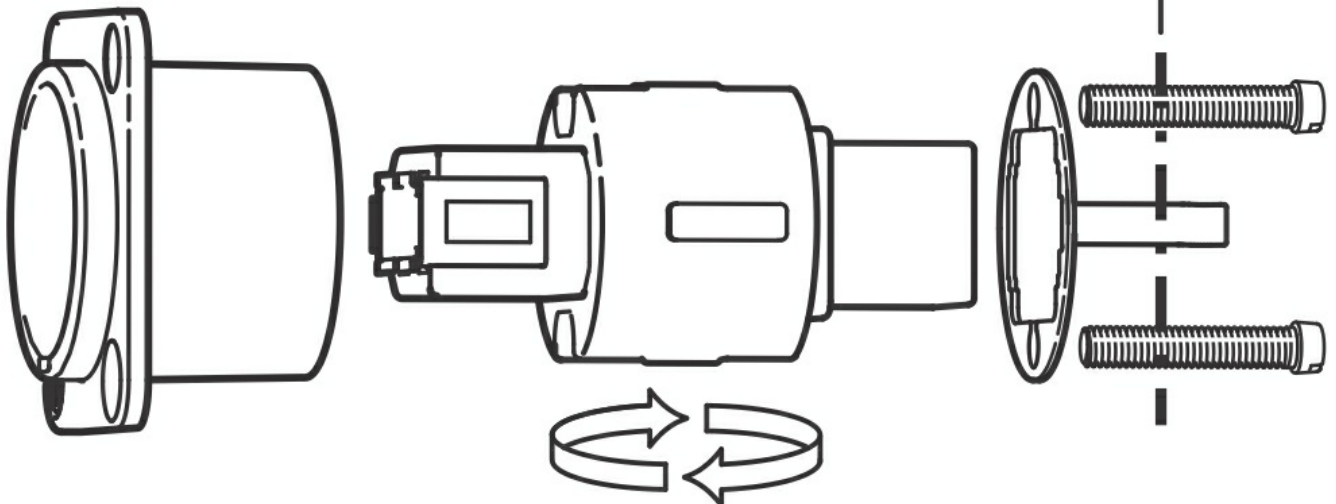
## USB Type B in front



### Optimized Ground Connection

An additional metal lip guarantees optimum ground connection from USB 3.0 jack to the D-size flange in order to achieve a consistent ground level. To eliminate the ground connection pinch off the metal lip.

#### CUT OFF TO ELIMINATE GROUNDING



## Cable lengths

We recommend to use USB-IF certified cables to ensure error-free data transmission. Maximum length of USB-IF certified USB 3.0 passive cable is 2.0 meters.

## NAUSB3-B rear view



## Technical Information

| Product         |         |
|-----------------|---------|
| Title           | NAUSB3  |
| Connection Type | Adapter |
| Gender          | female  |

| Electrical              |           |
|-------------------------|-----------|
| Reading / Writing speed | >200 MB/s |

| Mechanical         |                      |
|--------------------|----------------------|
| Wiresize           |                      |
| Mounting direction | Front mounting       |
| Chassis shape      | D                    |
| Lifetime           | > 1000 mating cycles |

| Material        |                         |
|-----------------|-------------------------|
| Contact plating | Au                      |
| Contacts        | Brass (CuZn39Pb3)       |
| Insert          | PBTP 15 % GR            |
| Shell           | Zinc diecast (ZnAl4Cu1) |
| Shell plating   | Nickel                  |

| <b>Environmental</b>       |                        |
|----------------------------|------------------------|
| <b>Flammability</b>        | UL 94 V-0              |
| <b>Standard compliance</b> | USB 3.0 specifications |
| <b>Temperature range</b>   | -25 °C to +85 °C       |