

## Technical data sheet

Actuator sensor interface · female chassis connector USB with cable, with hinged lid

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**USB 3.0 panel connector with M22 thread for front installation**  
**female chassis connector USB-A with PVC cable and male USB-A**  
**Type: USB-3.0 A/A**



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### Identification

|          |                             |
|----------|-----------------------------|
| Type     | USB-3.0 A/A F/M 1,0m PVC KD |
| Part No. | <a href="#">490219.0100</a> |

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### Product version

|                   |    |
|-------------------|----|
| Datasheet version | 00 |
|-------------------|----|

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### General

|                                    |                                                       |
|------------------------------------|-------------------------------------------------------|
| Design                             | USB-A                                                 |
| Form male 1                        | USB 3.0 female Type A                                 |
| Form male 2                        | USB 3.0 male Type A                                   |
| Degree of pollution                | 3                                                     |
| Contact resistance                 | <30 mΩ                                                |
| Degree of protection               | IP65/67/68/69 in closed and IP20 in inserted position |
| Housing material                   | PA, PVC                                               |
| Cover                              | PC                                                    |
| Contact material                   | CuSn, gold-plated                                     |
| Mounting                           | Front installation                                    |
| Installation depth                 | approx. 70 mm                                         |
| Number of conductors/cross-section | (2×AWG24 + 1×2×AWG28 + 2×(1×2×AWG28)St)StC            |
| Jacket material                    | PVC                                                   |
| Jacket color                       | black                                                 |
| Cable diameter                     | 6.1 mm                                                |
| Bending radius                     | 6×D                                                   |
| Operation temperature range        | -5 °C ... +70 °C                                      |
| Temperature range fixed            | -25 °C ... +80 °C                                     |

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|                          |                             |
|--------------------------|-----------------------------|
| Temperature range moving | -5 °C ... +70 °C            |
| Dimensions (w × h × d)   | 30.0 mm × 49.0 mm × 44.5 mm |
| Mechanical service life  | 1500 insertion cycles       |
| Weight/unit              | 0.082 kg                    |
| PU (units)               | 1                           |

#### Technical data

|                     |           |
|---------------------|-----------|
| Rated voltage $U_N$ | AC/DC 5 V |
| Rated voltage max.  | 30 V      |
| Rated current       | 0.9 A     |
| Pole number         | 9         |
| Cable length        | 1 m       |
| Transfer rate       | 5 Gbit/s  |
| USB standard        | 3.0       |
| Contact type        | 1 : 1     |
| Shielding           | shielded  |

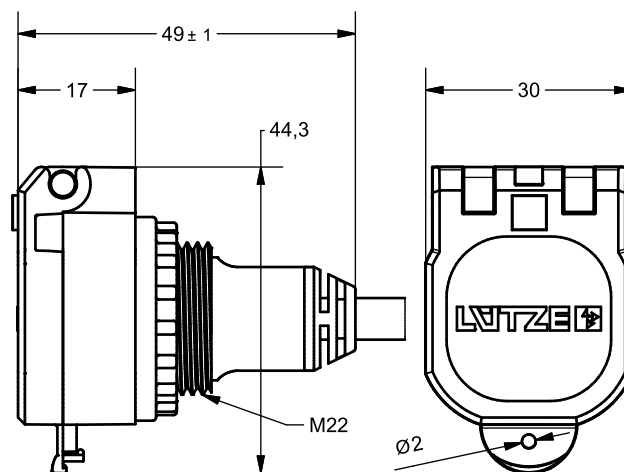
#### Equipment/Spare parts

##### Accessories

Not included in the delivery:

**Labelling sign 5×5 mm, white:** Part.-No. 716431 | LOCC-Box-BZW 7-6431 |  
PU: 1 unit (200 tabs)

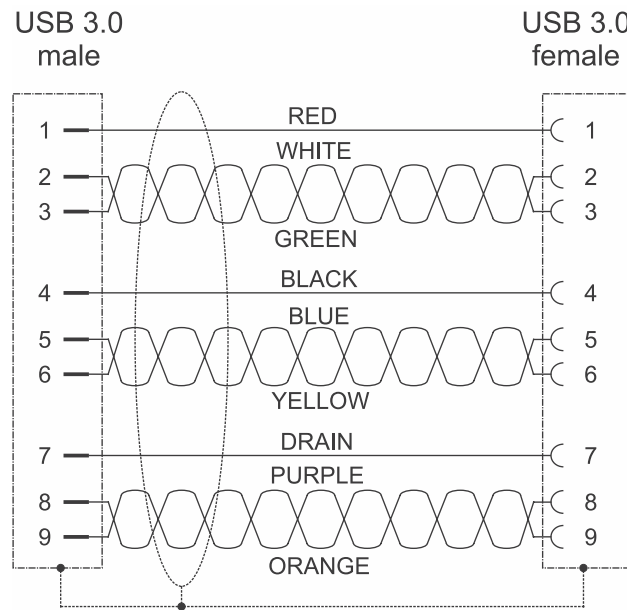
#### Dimensions



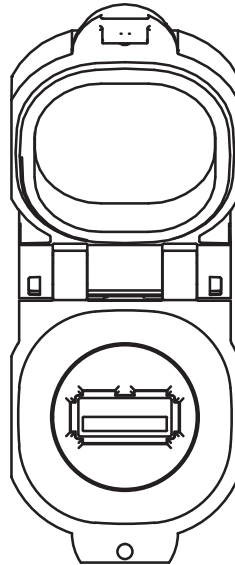
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### PIN assignment



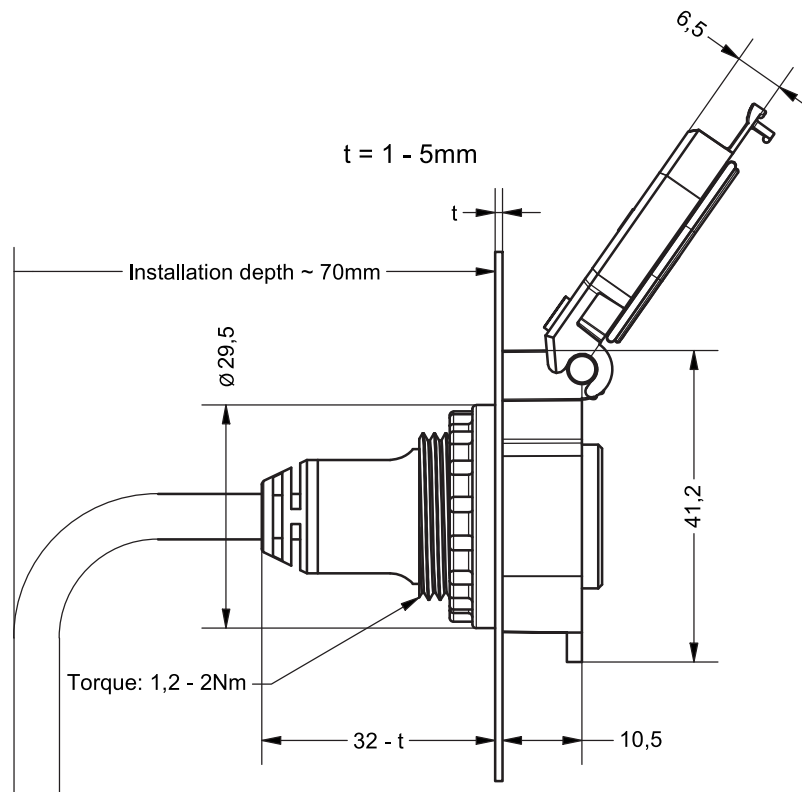
### Front view



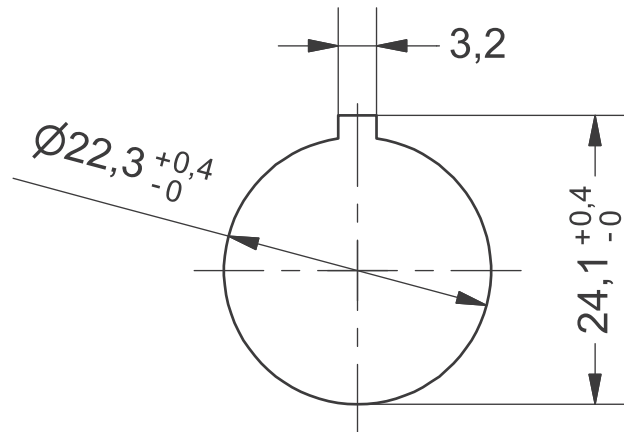
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### Mounting diagram



### Mounting holes



### Pin layout

