

## Technical data sheet

### Actuator sensor interface · USB-panel connector

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#### USB 3.0 panel connector for front installation PG21, shielded Connector Type A / Plug Type A with PVC cable / 90° / 1:1



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#### Identification

|          |                                 |
|----------|---------------------------------|
| Type     | USB-3.0 A/A F/M 90° 3,0m PVC PC |
| Part No. | <a href="#">493114.0300</a>     |

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#### Product version

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

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#### Use/Application/Properties

|             |                                                                                                                                                                                                                                                                               |
|-------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Application | • Service interface for control cabinets and control panels                                                                                                                                                                                                                   |
| Properties  | • Very compact and durable design<br>• Transparent hinged lid, locks in place when opened<br>• High protection class IP69<br>• Angle connector 90°<br>• Low installation depth approx. 30 mm<br>• Can be sealed with a lead seal<br>• Can be labeled with a description plate |

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#### General

|                       |                                                       |
|-----------------------|-------------------------------------------------------|
| Design                | USB 3.0                                               |
| Form male 1           | USB 3.0 Female Type A                                 |
| Form male 2           | USB 3.0 Male Type A                                   |
| Degree of pollution   | 3                                                     |
| Insulation resistance | >100 MΩ                                               |
| Contact resistance    | <30 mΩ                                                |
| Degree of protection  | IP65/67/68/69 in closed and IP20 in inserted position |
| Housing material      | PC, PBT                                               |
| Contact material      | CuSn, gold-plated                                     |

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|                                    |                                            |
|------------------------------------|--------------------------------------------|
| Mounting                           | Front installation                         |
| Installation depth                 | approx. 30 mm                              |
| Number of conductors/cross-section | (2×AWG28 + 1×2×AWG30 + 2×(1×2×AWG30)St)StC |
| Jacket material                    | PVC                                        |
| Cable diameter                     | 4.8 mm                                     |
| Bending radius                     | 8×D                                        |
| Operation temperature range        | -5 °C ... +70 °C                           |
| Storage temperature range          | -20 °C ... +80 °C                          |
| Temperature range fixed            | -20 °C ... +80 °C                          |
| Temperature range moving           | -5 °C ... +70 °C                           |
| Dimensions (w × h × d)             | 31.0 mm × 39.5 mm × 44.5 mm                |
| Mechanical service life            | ≥1500 insertion cycles                     |
| Weight/unit                        | 0.107 kg                                   |
| PU (units)                         | 1                                          |

#### Technical data

|                        |              |
|------------------------|--------------|
| Rated voltage $U_N$    | AC/DC 5 V    |
| Max. Power             | 4.5 W        |
| Operating voltage max. | 30 V         |
| Rated current          | 1.5 / 0.25 A |
| Pole number            | 8            |
| Transfer rate          | 5 Gbit/s     |
| Contact type           | 1 : 1        |

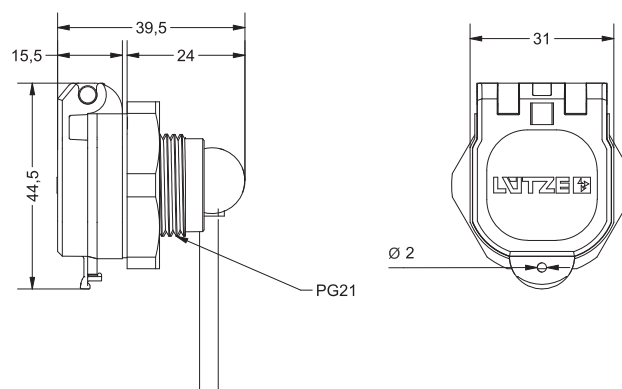
#### Equipment/Spare parts

##### 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)

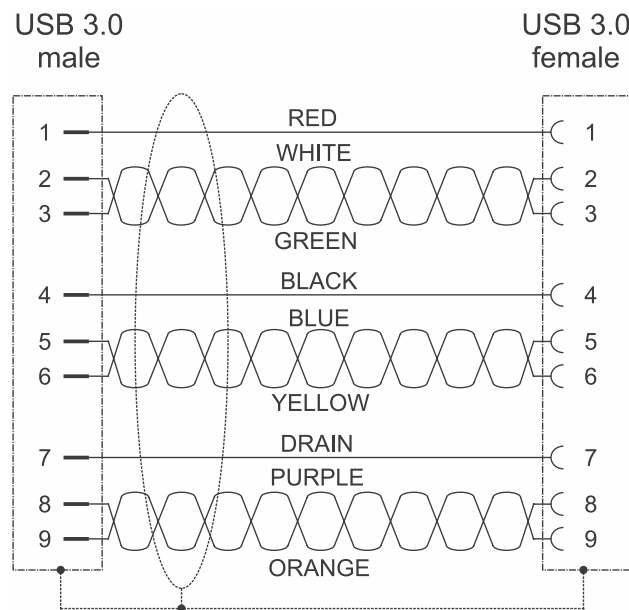
#### Dimensions



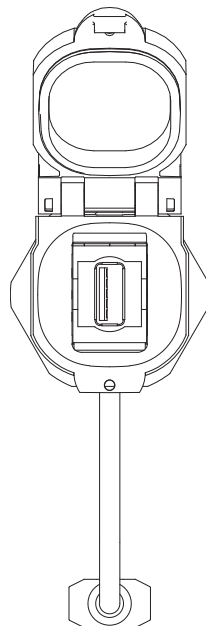
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#### PIN assignment



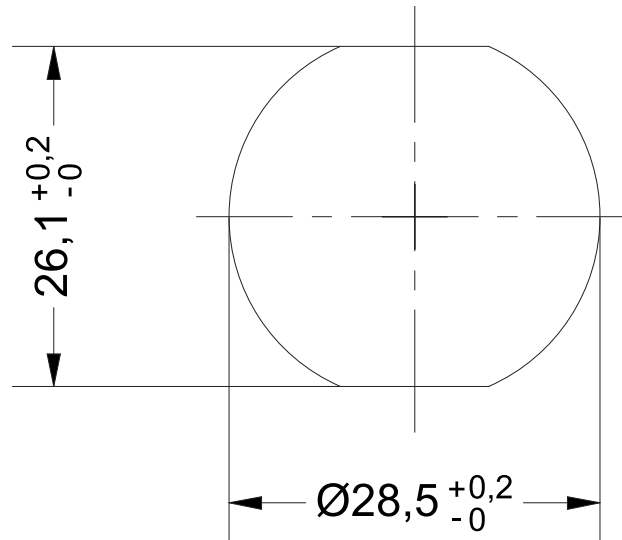
#### Front view



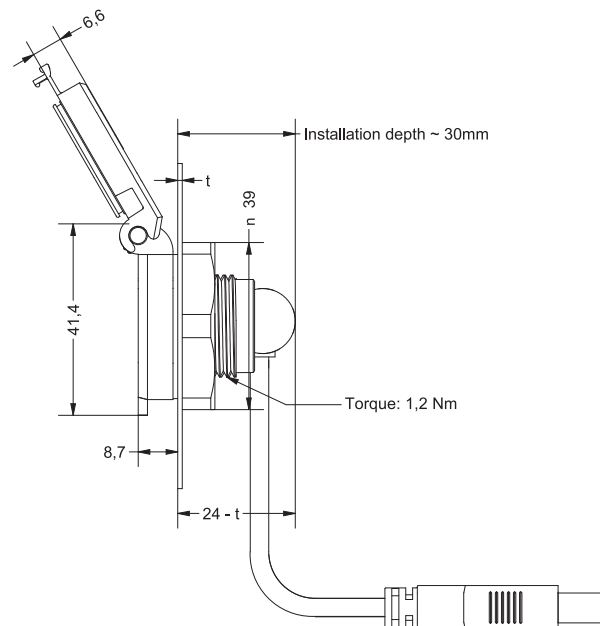
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### Mounting diagram



### Mounting diagram



### Pin layout

