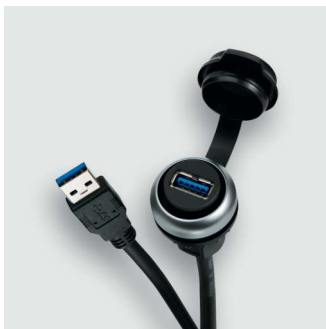


## Technical data sheet

Actuator sensor interface · USB Panel pass through devices

USB 3.0 panel connector with M22 thread for front installation

USB connector Type A on straight USB plug Type A with PVC cable



### Identification

Type USB-3.0 A/A F/M 0,8m PVC  
Part No. [490113.0080](#)

### Product version

Datasheet version 00

### 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 UL50E Typ 2, 3R, 4, 4X, 12, 13 in closed and IP20 in inserted position |
| Housing material                   | PA, PVC                                                                     |
| Cover                              | TPU                                                                         |
| 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                                                           |
| Temperature range moving           | -5 °C ... +70 °C                                                            |

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26.07.2023 • Subject to technical modification

Part No. [490113.0080](#) • Datasheet version: 00

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## Technical data sheet

### Actuator sensor interface · USB Panel pass through devices

|                         |                       |
|-------------------------|-----------------------|
| Dimensions (Ø×d)        | 29.5 × 45 mm          |
| Mechanical service life | 1500 insertion cycles |
| Weight/unit             | 0.068 kg              |
| PU (units)              | 1                     |

#### Technical data

|                        |           |
|------------------------|-----------|
| Rated voltage $U_N$    | AC/DC 5 V |
| Operating voltage max. | 30 V      |
| Rated current          | 0.9 A     |
| Pole number            | 9         |
| Cable length           | 0.8 m     |
| Transfer rate          | 5 Gbit/s  |
| USB standard           | 3.0       |
| Contact type           | 1 : 1     |
| Shielding              | shielded  |

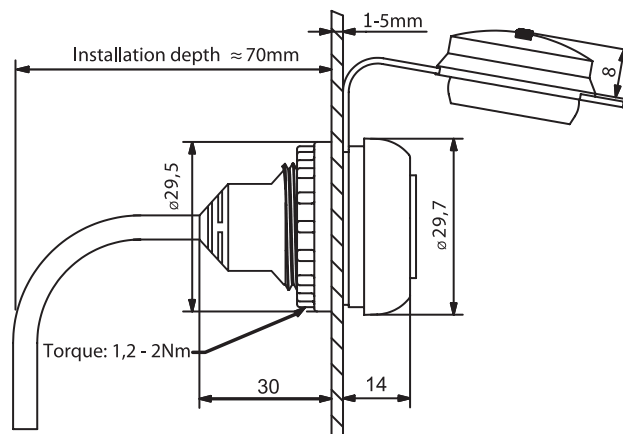
#### Certifications/Standards

|                |                        |
|----------------|------------------------|
| Certifications | cULus Listed (E326112) |
|----------------|------------------------|

#### Equipment/Spare parts

|             |                                                  |
|-------------|--------------------------------------------------|
| Accessories | Included in the delivery:<br>attached safety cap |
|-------------|--------------------------------------------------|

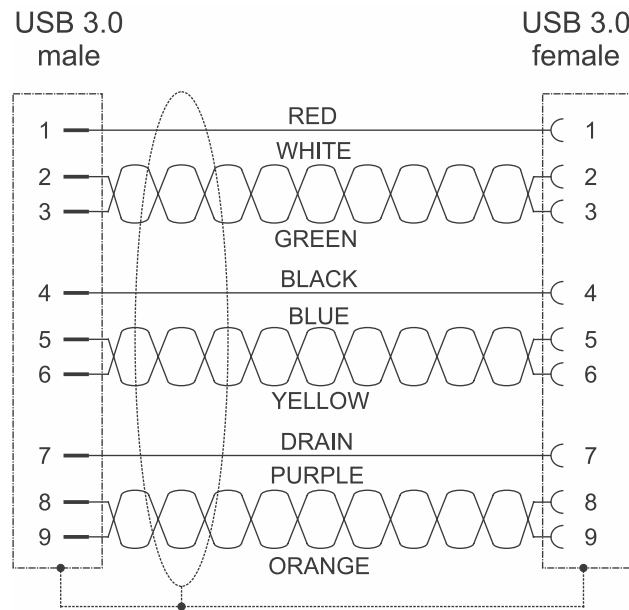
#### Dimensions



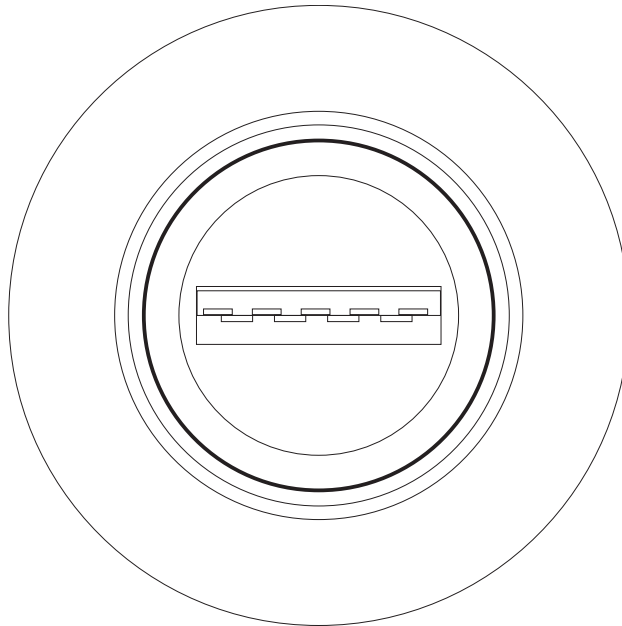
## Technical data sheet

### Actuator sensor interface · USB Panel pass through devices

#### PIN assignment



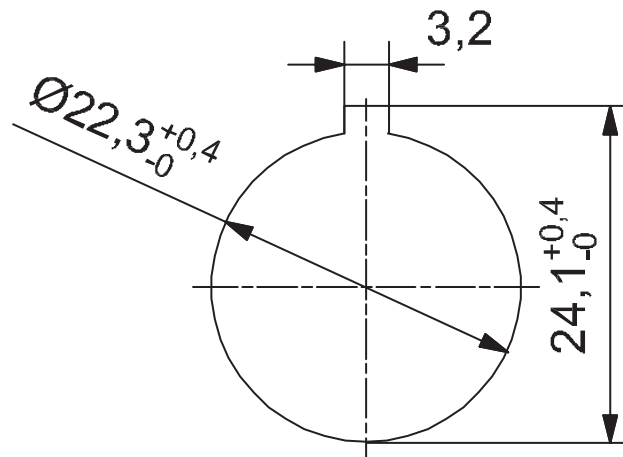
#### Front view



## Technical data sheet

Actuator sensor interface · USB Panel pass through devices

### Mounting diagram



### Pin layout

