

Technical data sheet

Actuator sensor interface · USB-panel connector

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



Identification

Type	USB-3.0 A/A F/M 90° 0,5m PVC PC
Part No.	493114.0050

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 • Transparent hinged lid, locks in place when opened • High protection class IP69 • Angle connector 90° • Low installation depth approx. 30 mm • Can be sealed with a lead seal • Can be labeled with a description plate

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	0.047 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

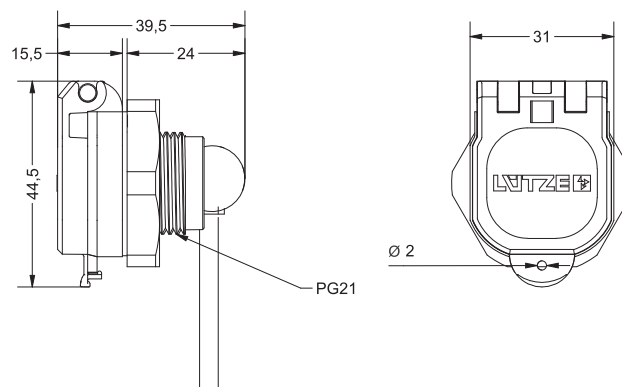
Equipment/Spare parts

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)

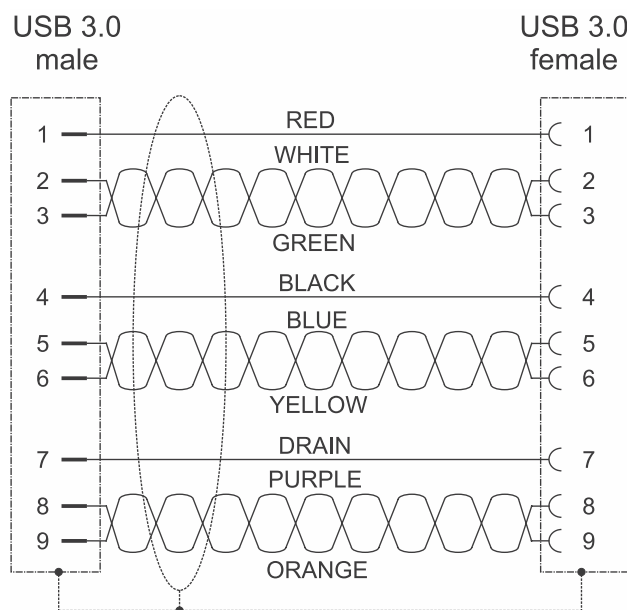
Dimensions



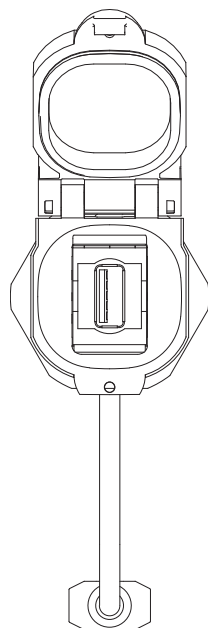
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PIN assignment



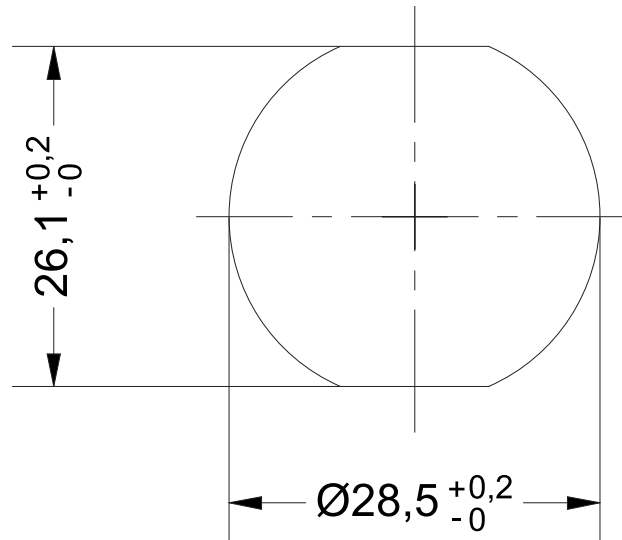
Front view



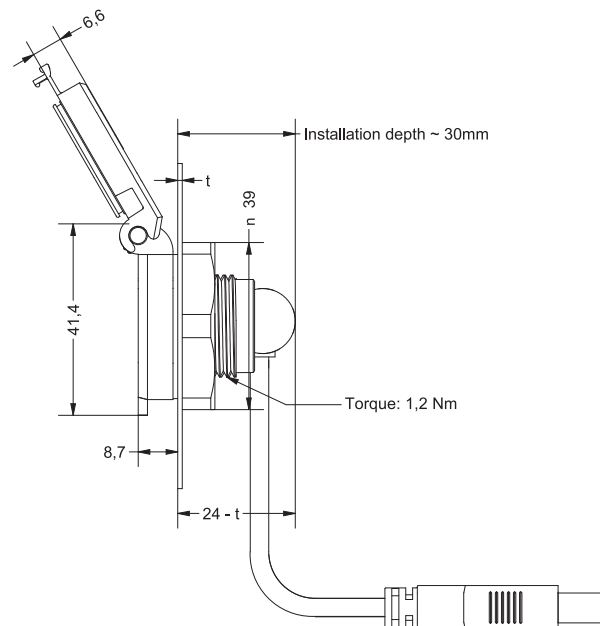
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Mounting diagram



Mounting diagram



Pin layout

