

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 / 180° / 1:1



Identification

Type USB-3.0 A/A F/M 180° 3,0m PVC PC
Part No. [493113.0300](#)

Product version

Datasheet version 00

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
• Straight connector 180°
• Installation depth approx. 70 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, ABS
Contact material CuSn, gold-plated

United Kingdom: LÜTZE Ltd.

Unit 3, Sandy Hill Park
Sandy Way, Amington • GB-Tamworth, Staffs B77 4DU
Tel. +44 (0)1827 31333-0
www.lutze.com • sales.gb@lutze.co.uk

Germany: Friedrich Lütze GmbH

Postfach 12 24 (PLZ 71366) • Bruckwiesenstraße 17-19 • D-71384 Weinstadt
Tel. +49 (0)7151 6053-0
www.luetze.de • info@luetze.de

Technical data sheet

Actuator sensor interface · USB-panel connector

Mounting	Front installation
Installation depth	approx. 70 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 × 45.0 mm × 44.5 mm
Mechanical service life	≥1500 insertion cycles
Weight/unit	0.11 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

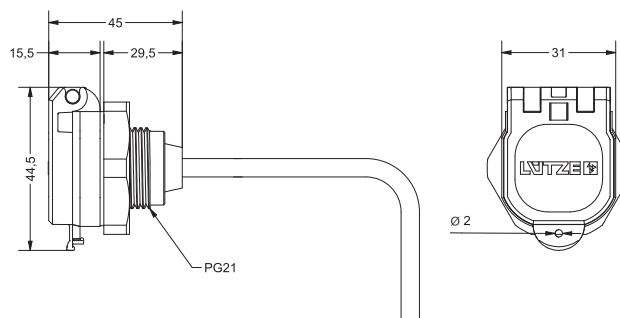
Equipment/Spare parts

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)

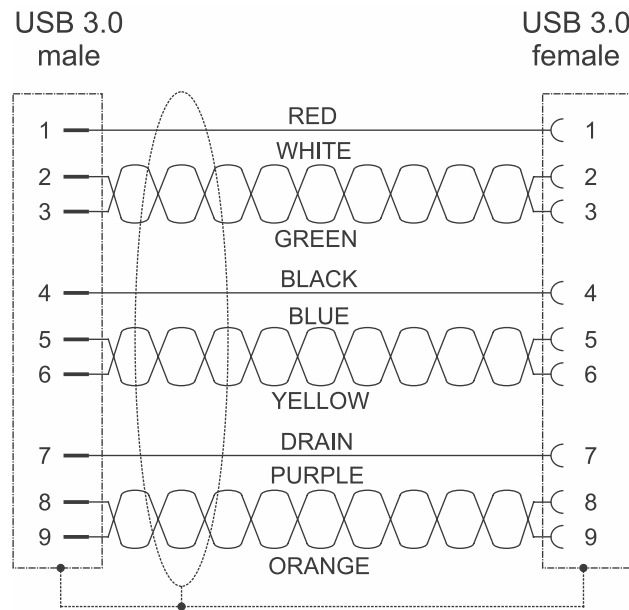
Dimensions



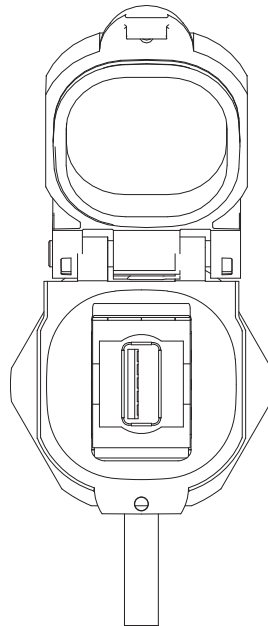
Technical data sheet

Actuator sensor interface · USB-panel connector

PIN assignment



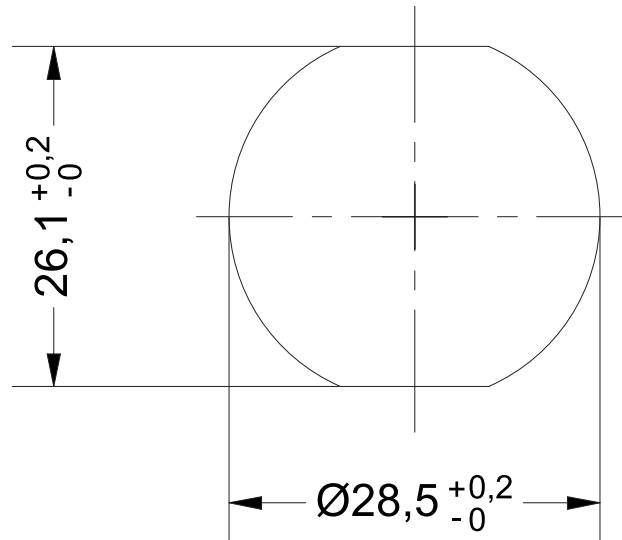
Front view



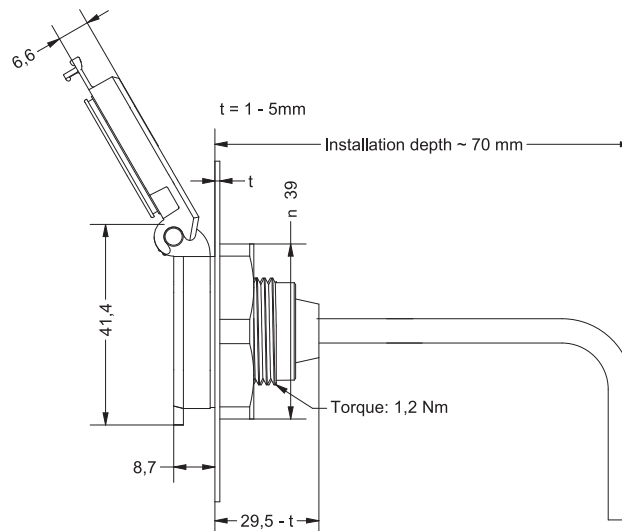
Technical data sheet

Actuator sensor interface · USB-panel connector

Mounting diagram



Mounting diagram



Pin layout

