

Technical data sheet

Actuator sensor interface · RJ45 panel connector with hinged lid

RJ45 panel connector for front installation PG21, shielded

Female / Male with LSZH cable / 180° / 1:1

Cat 6A



Identification

Type	RJ45 F/M 180° 5,0m LSZH CAT.6A PC
Part No.	493081.0500

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 • Straight connector 180° • Installation depth approx. 70 mm • Can be sealed with a lead seal • Can be labeled with a description plate

General

Design	RJ45
Form male 1	RJ45 Female
Form male 2	RJ45 Male
Degree of pollution	3
Insulation resistance	>500 MΩ
Contact resistance	<20 mΩ
Degree of protection	IP65/67/68/69 in closed and IP20 in inserted position
Housing material	PC, Zinc die-casting
Contact material	CuSn, gold-plated

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Part No. [493081.0500](#) • Datasheet version: 00

page 1 of 4

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Mounting	Front installation
Installation depth	approx. 70 mm
Number of conductors/cross-section	S/FTP (4x2xAWG26/7)
Jacket material	LSZH
Cable diameter	max. 5.6 mm
Tolerance	±0.2 mm
Bending radius	6×D
Operation temperature range	-20 °C ... +75 °C
Storage temperature range	-20 °C ... +80 °C
Temperature range fixed	-20 °C ... +75 °C
Temperature range moving	-20 °C ... +75 °C
Dimensions (w × h × d)	31.0 mm × 53.0 mm × 44.5 mm
Mechanical service life	≥750 insertion cycles
Weight/unit	0.26 kg
PU (units)	1

Technical data

Rated voltage U_N	AC/DC 24 V
Max. Power PoE	PoE+ 30 W
Operating voltage max.	50 V
Rated current	Max. 1 A
Pole number	8
Bandwidth	500 MHz
Transfer rate	10 Gbit/s
Category	Cat.6A, Class EA
Contact type	1 : 1

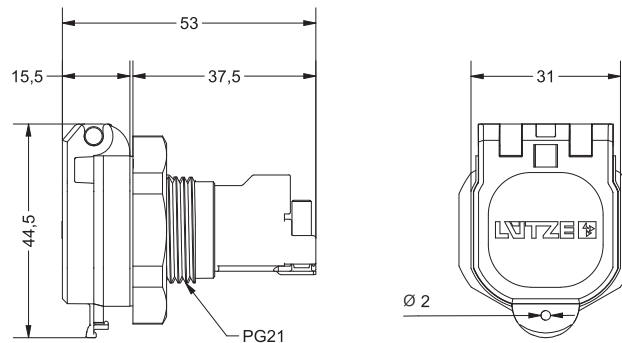
Equipment/Spare parts

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)

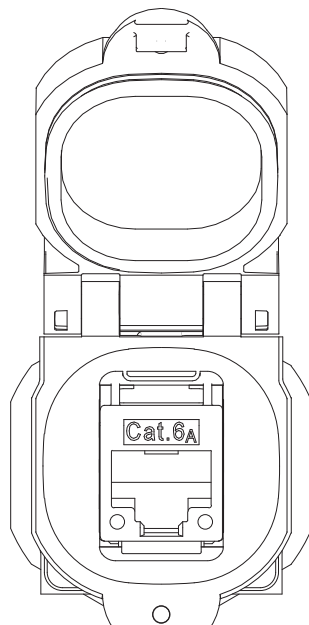
Dimensions



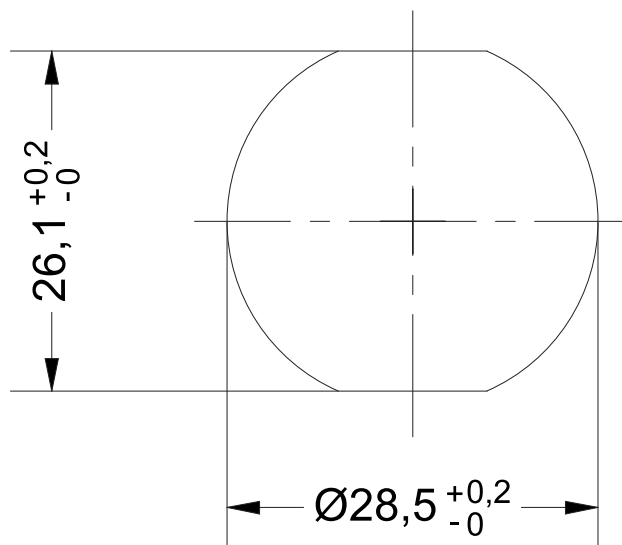
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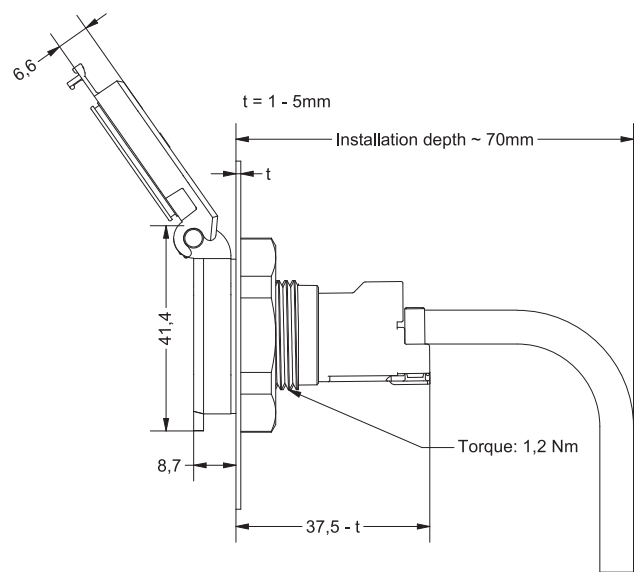
Front view



Mounting diagram



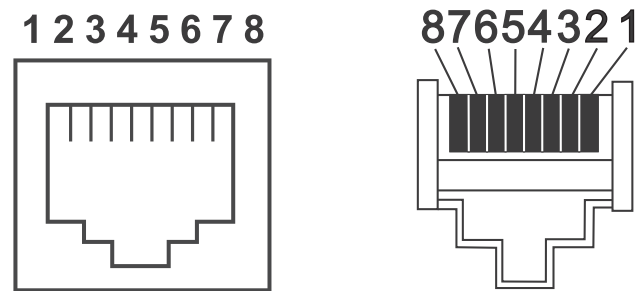
Mounting diagram



Pin layout

RJ45 female

RJ45 male



Circuit diagram

