

Technical data sheet

Actuator sensor interface · RJ45 Panel pass through devices

RJ45 panel connector with M22 thread for front installation

Female/female 1:1

Cat 5e



Identification

Type RJ45 F/F 8/8 Cat.5e
Part No. [492075](#)

Product version

Datasheet version 00

General

Design	RJ45
Form male 1	RJ45
Degree of pollution	3
Insulation resistance	>100 MΩ
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, PBT
Cover	TPU
Contact material	CuSn, gold-plated
Mounting	Front installation
Installation depth	approx.70 mm
Number of conductors/cross-section	8×2
Operation temperature range	-25 °C ... +70 °C
Storage temperature range	-25 °C ... +80 °C
Temperature range connector	-25 °C ... +70 °C
Dimensions (Ø×d)	30 × 30 mm
Mechanical service life	>750 insertion cycles
Weight/unit	0.014 kg

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22.03.2024 • Subject to technical modification

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PU (units)

1

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Rated voltage U_N	AC/DC 24 V
Operating voltage max.	50 V
Rated current	1.5 A
Pole number	8
Bandwidth	100 MHz
Transfer rate	1 Gbit/s
Category	Cat.5e
Contact type	1 : 1
Shielding	connected through

Certifications/Standards

Certifications

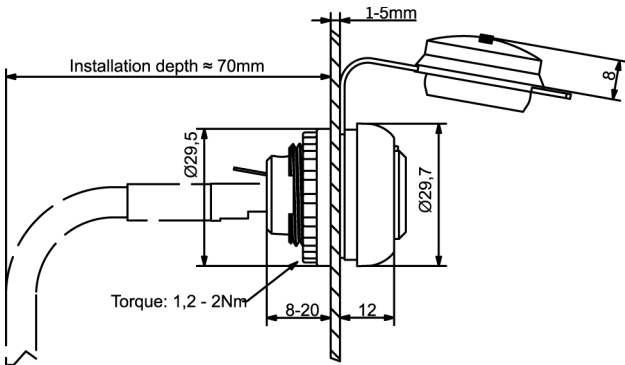
cULus Listed (E326112)

Equipment/Spare parts

Accessories

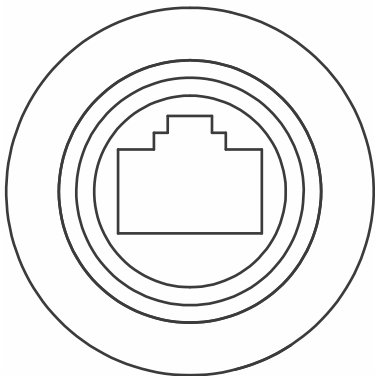
Included in the delivery:
attached safety cap

Dimensions



Front view

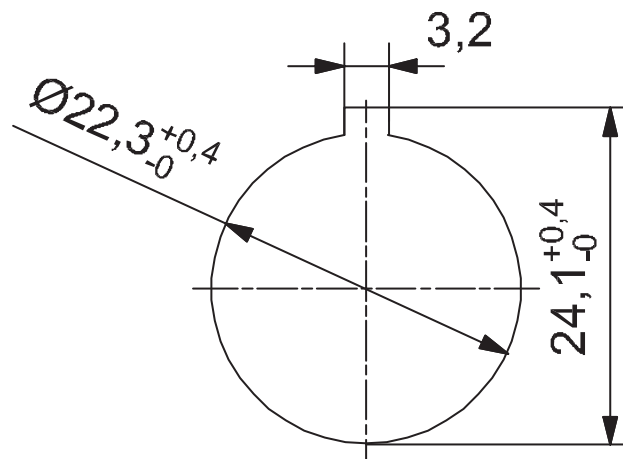
front view



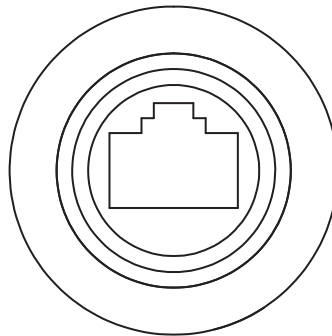
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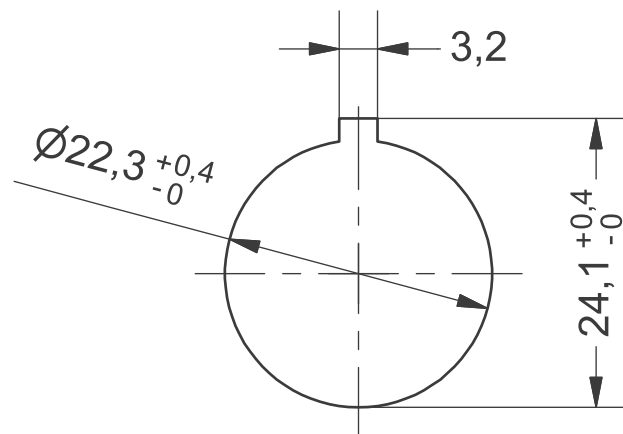
Mounting diagram



front view:



Mounting holes



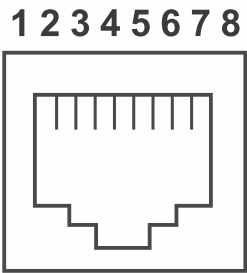
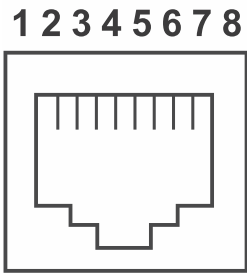
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Pin layout

RJ45 female

RJ45 female



Circuit diagram

