



Image for illustrative purpose only

Summary

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Number of contacts Low Voltage	11
Socket / Receptacle	Socket / Receptacle - Fixed Panel Front Mounted
Locking system	Push-pull
Size	3P
Suggested matching part	FGG.3P.310.PLWD85G
Series	REDEL P - Push-Pull

https://www.lemo.com/int_en/solutions/redel/redel-p-push-pull/egg-3p-310-plnr.html

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Technical details

Electrical Configuration

Number of contacts Low Voltage	11
Contact Termination Low voltage	PCB - Straight
Insert configuration value	3P.310 - 10 Low Voltage + 1 Ground contact
Footprint IPC Class3 compatibility	Yes
Class3 Productibility Level Compatibility	A (General Design Producibility - Preferred)
Insulator	L: PEEK (UL 94 / V-0/1.5)
Rated current	5 A
Test voltage contact-contact	4.67 (kV DC)
Vtest	2300 V (AC), 3300 V (DC)
Air clearance	1.25 mm
Creepage distance	1.25 mm
Contact Dia.	0.9

Form & Material

Shell style / Model id	EG - Fixed receptacle, nut fixing with key
Socket / Receptacle	Fixed Panel Front Mounted
Housing material	PSU (Polysulfone), grey
Locking system	Push-pull
Keying	User configurable, 1 of 11 key positions. Plug: male contacts, Receptacle: female contacts
Colour	Grey - Red
Variant	Red front ring
Weight	11.87 g

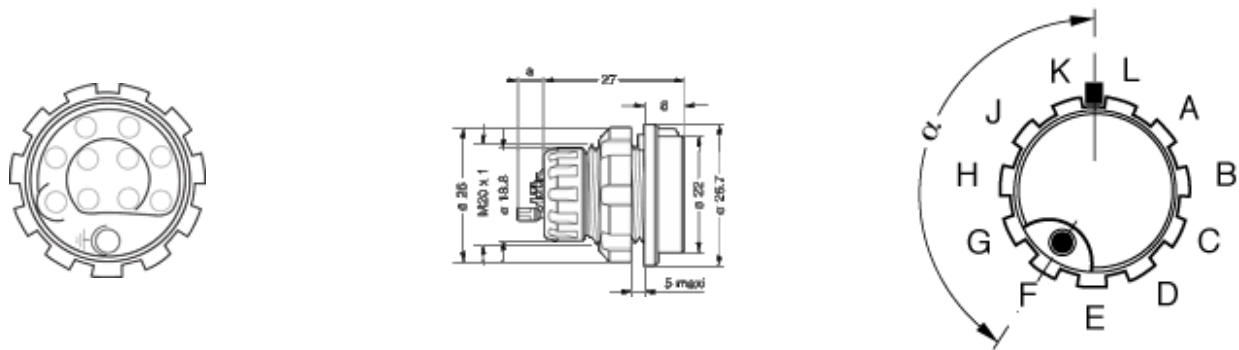
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Environment

Technical domain	Energy and Industrial, Medical, Test and Measurement, Transportation, Aerospace and UAV
Environmental sealing (IP rating)	IP61
Endurance	>3000 mating cycles
Temperature range	-50°C / +150°C
F ret (max)	200 N
F ret (min)	100 N
Steam sterilization	Compiles with ISO 17665:2024 sterilization standard for autoclave, ISO 11135:2014 for EtO, and ISO 11137-1, -2, -3 standards for gamma, e-beam x-ray. For more details on sterilization methods and cycles, please contact us.

Drawings



Dimensions

	A	N	a
mm.	26.7	27	4.7
in.	1.05	1.06	0.19

Documents

PCB	Download
PCB Eagle	Download
Kicad	Download
PCB Altium	Download