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Summary

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Number of contacts Low Voltage	7
Wire Size/AWG	30 - 22
Socket / Receptacle	Socket / Receptacle - Fixed Panel Front Mounted
Locking system	Push-pull
Jacket cable outside diameter [mm]	1.00 - 20.00 mm
Size	3P
Suggested matching part	FGG.3P.306.PLWD75V
Series	REDEL P - Push-Pull

https://www.lemo.com/int_en/solutions/redel/redel-p-push-pull/ebg-3p-306-plwg.html

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Technical details

Electrical Configuration

Number of contacts Low Voltage	7
Contact Termination Low voltage	Solder
Insert configuration value	3P.306 - 6 Low Voltage + 1 Ground contact
Insulator	L: PEEK (UL 94 / V-0/1.5)
Rated current	6 A
Test voltage contact-contact	2.5 kV DC
Air clearance	1.95 mm
Creepage distance	1.95 mm
Contact Dia.	0.9
Wire Size/AWG	30 - 22

Form & Material

Shell style / Model id	EB - Fixed receptacle with key, square flange and screw fixing
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
Variant	Grey square flange
Weight	16.56 g

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.

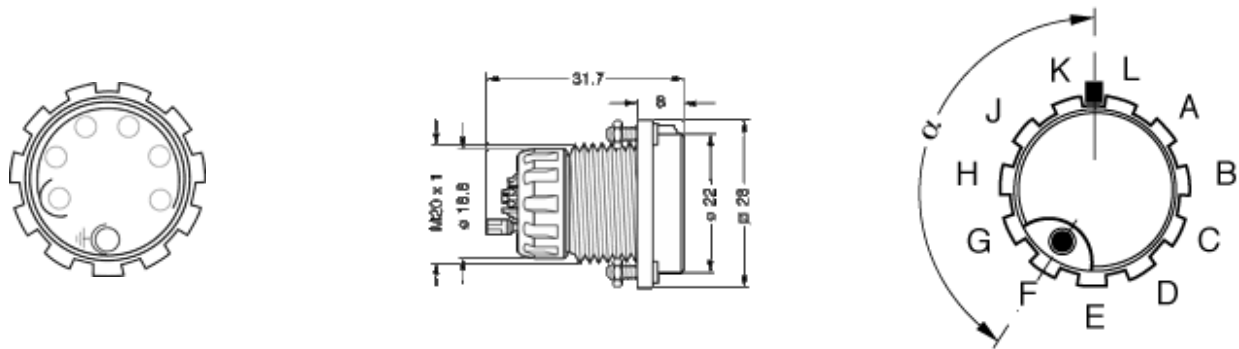
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Cable fixation

Jacket cable outside diameter [mm]	1.00 - 20.00 mm
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Drawings



Dimensions

	A	L
mm.	28	31.7
in.	1.1	1.25