

Standard



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Summary

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Number of contacts Low Voltage	16
Wire Size/AWG	30 - 22
Gender	Standard
Socket / Receptacle	Socket / Receptacle - Fixed Panel Front Mounted
Locking system	Push-pull
Size	2P
Series	REDEL P - Push-Pull

https://www.lemo.com/int_en/solutions/redel/redel-p-push-pull/cnd-m16-glla.html

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Technical details

Electrical Configuration

Number of contacts Low Voltage	16
Contact Termination Low voltage	Solder
Insert configuration value	2P.M16 - 16 Low V.
Insulator	L: PEEK for solder contacts
Rated current	6 A
Test voltage (kV rms) Contact-contact	1.5
Air clearance	0.47 mm
Creepage distance	0.47 mm
Bucket Dia.	0.8 mm (0.031 in)
Contact Dia.	0.7 mm (0.028 in)
Wire Size/AWG	30 - 22
Gender	Standard

Form & Material

Shell style / Model id	CN - Fixed receptacle, nut fixing, watertight (IP 66)
Socket / Receptacle	Fixed Panel Front Mounted
Housing material	PSU (Polysulfone), grey
Locking system	Push-pull
Keying	D: 3 keys (alpha=0, gamma=110, Plug: male contacts, Receptacle: female contacts)
Colour	Grey
Variant	Blue front flange
Weight	6.9 g

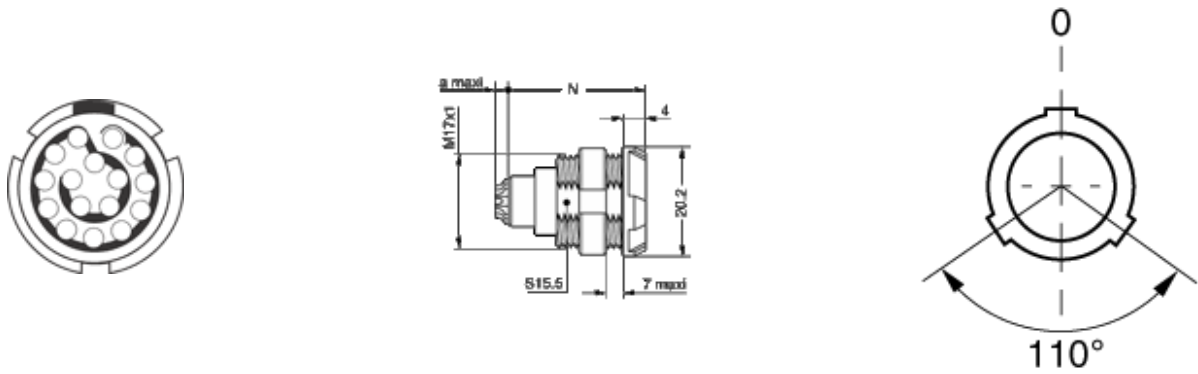
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Environment

Technical domain	Energy and Industrial, Medical, Test and Measurement, Transportation, Aerospace and UAV
Environmental sealing (IP rating)	IP66
Endurance	>1000 mating cycles
Temperature range	-50°C / +150°C
F ret (max)	250 N
F ret (min)	150 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

	N	a maxi
mm.	23.8	5.3
in.	0.94	0.21

Recommended By Lemo

Tools	
Spanner	COP.155.GN
Spanner 2	COB.202.GN