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Summary

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Number of contacts Low Voltage	19
Wire Size/AWG	30 - 22
Gender	Standard
Socket / Receptacle	Socket / Receptacle - Free
Locking system	Push-pull
Jacket cable outside diameter [mm]	3.20 - 5.20 mm
Size	2P
Suggested matching part	CAB.M19.GLA.C92GZ
Series	REDEL P - Push-Pull

Technical details

Electrical Configuration

Contact Termination Low voltage	Solder
Insert configuration value	2P.M19 - 19 Low V.
Insulator	L: PEEK for solder contacts
Rated current	5 A
Test voltage (kV rms) Contact-contact	1.4
Contact Type	Solder
Air clearance	0.6 mm
Creepage distance	0.6 mm
Bucket Dia.	0.8 mm (0.031in)
Contact Dia.	0.7 mm (0.027in)
Number of contacts Low Voltage	19
Wire Size/AWG	30 - 22
Gender	Standard

Form & Material

Shell style / Model id	CR - Free receptacle with cable collet and nut for fitting a bend relief
Socket / Receptacle	Free
Housing material	PSU (Polysulfone), gray
Locking system	Push-pull
Keying	3 keys (alpha=0, gamma=60, Plug: male contacts, Receptacle: female contacts)
Colour	Grey
Weight	12.1 g

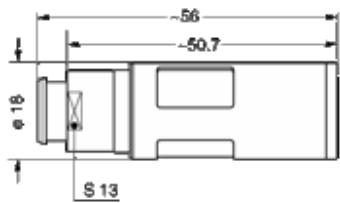
Environment

Technical domain	Energy and Industrial, Medical, Test and Measurement, Transportation, Aerospace and UAV
Environmental sealing (IP rating)	IP50
Endurance	>1000 mating cycles
Temperature range	-50°C / +150°C
F ret (max)	250 N
F ret (min)	150 N
Steam sterilization	Fully sterilizable (Steam, Gamma, ETO) following our protocols and tests in line with ISO 11134 and IEC 60601-1 standards. For more details on sterilization methods and cycles, please contact us.

Cable fixation

Cable termination protection	For cable bend relief
Fixation type	Cable collet
Jacket cable outside diameter [mm]	3.20 - 5.20 mm

Drawings



Dimensions

	A	L
mm.	18	56
in.	0.71	2.2

https://www.lemo.com/int_en/solutions/redeI/redeI-p-push-pull/crb-m19-gll-c92gz.html

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