



Summary

[Request a quote](#)

[Catalog](#)

Number of contacts Low Voltage	19
Wire Size/AWG	30 - 22
Gender	Standard
Plug	Plug - Straight
Locking system	Push-pull
Jacket cable outside diameter [mm]	3.20 - 5.20 mm
Size	2P
Suggested matching part	CKB.M19.GLLG
Series	REDEL P - Push-Pull

https://www.lemo.com/int_en/solutions/redel/redel-p-push-pull/cab-m19-gla-c52g.html

LEMO products and services are provided "as is". LEMO makes no warranties or representations with regard to LEMO product & services or use of them, express, implied or statutory, including for accuracy, completeness, or security. The user is fully responsible for his products and applications using LEMO components.

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	0.62 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	CA - Straight plug with cable collet
Plug	Straight
Housing material	PSU (Polysulfone), gray
Locking system	Push-pull
Keying	3 keys (alpha=0, gamma=60, Plug: male contacts, Receptacle: female contacts)
Weight	9.21 g

Environment

Technical domain	Energy and Industrial, Medical, Test and Measurement, Transportation, Aerospace and UAV
Environmental sealing (IP rating)	IP50
Temperature range	-50°C / +150°C
F ret (max)	250 N
F ret (min)	150 N
Steam sterilization	20 times (with potting on rear connection)

https://www.lemo.com/int_en/solutions/redel/redel-p-push-pull/cab-m19-gla-c52g.html

LEMO products and services are provided "as is". LEMO makes no warranties or representations with regard to LEMO product & services or use of them, express, implied or statutory, including for accuracy, completeness, or security. The user is fully responsible for his products and applications using LEMO components.

Cable fixation

Cable termination protection	Standard back nut (no additional protection)
Fixation type	Cable collet
Jacket cable outside diameter [mm]	3.20 - 5.20 mm

Drawings



https://www.lemo.com/int_en/solutions/redel/redel-p-push-pull/cab-m19-gla-c52g.html

LEMO products and services are provided "as is". LEMO makes no warranties or representations with regard to LEMO product & services or use of them, express, implied or statutory, including for accuracy, completeness, or security. The user is fully responsible for his products and applications using LEMO components.